HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

MA1 CHASSIS

MODEL NAME	*REMOTE COMMANDER*	*DESTINATION*
KDL-26M3000	*RM-YD021*	*US/CANADA*
KDL-26M3000	*RM-YD021*	*LATIN NORTH/LATIN SOUTH*
KDL-26ML130	*RM-YD021*	*US/CANADA*
KDL-32M3000	*RM-YD021*	*US/CANADA*
KDL-32M3000	*RM-YD021*	*LATIN NORTH/LATIN SOUTH*
KDL-32ML130	*RM-YD021*	*US/CANADA*

ORIGINAL MANUAL ISSUE DATE: 7/2007

☛ **:UPDATED ITEM**

REVISION DATE	SUBJECT
7/2007	No revisions or updates are applicable at this time.
9/2007	PC Audio Input specification updated. Replaced Page 4. Added Battery Cover PN for Remote Commander. Replaced Page 93.
12/2007	Corrected LED blink count for Audio error. Replaced Page 11.

LCD DIGITAL COLOR TELEVISION

SONY®

Self Diagnosis Supported model

SERVICE MANUAL

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KDL-32M3000	RM-YD021	US/CANADA
KDL-32M3000	RM-YD021	LATIN NORTH/LATIN SOUTH
KDL-32ML130	RM-YD021	US/CANADA

KDL-32M3000

RM-YD021

LCD DIGITAL COLOR TELEVISION

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TABLE OF CONTENTS

SECTION TITLE PAGE

Specifications 4
Warnings and Cautions 6
Safety-Related Component Warning 7
Safety Check-Out 9
Self-Diagnostic Function 10

SECTION 1: DISASSEMBLY 12
1-1. Rear Cover Removal 12
1-2. Arm, Under Cover and Stand Removal 12
1-3. HM1 Board Removal 13
1-4. UM Board and Jack Holder Removal 13
1-5. Speaker, Light Guide and HM3 Board Removal 14
1-6. BM Board Removal 14
1-7. G1 Bracket and G1M Board Removal 15
1-8. VESA Bracket Removal 15
1-9 LCD Panel/Bracket and LED Light Guide Removal 16
Wire Dressing 17
KDL-26M3000/26ML130 Only 17
KDL-32M3000/32ML130 Only 27

SECTION 2: SERVICE ADJUSTMENTS 38
2-1. Using the Remote Commander for Electrical Adjustments .. 38
2-2. Accessing Service Adjustment Mode 38
2-3. Viewing the Service Menus 39
2-4. Resetting to Factory Defaults 39

SECTION 3: DIAGRAMS 40
3-1. Circuit Boards Location 40
3-2. Printed Wiring Boards and Schematic Diagrams Information 40
3-3. Block Diagram 42
3-4. Connection Diagram 43

SECTION TITLE PAGE

3-5. Schematics and Supporting Information 44
BM Board Schematic Diagram (1 of 12) 44
BM Board Schematic Diagram (2 of 12) 45
BM Board Schematic Diagram (3 of 12) 46
BM Board Schematic Diagram (4 of 12) 47
BM Board Schematic Diagram (5 of 12) 48
BM Board Schematic Diagram (6 of 12) 49
BM Board Schematic Diagram (7 of 12) 50
BM Board Schematic Diagram (8 of 12) 51
BM Board Schematic Diagram (9 of 12) 52
BM Board Schematic Diagram (10 of 12) 53
BM Board Schematic Diagram (11 of 12) 54
BM Board Schematic Diagram (12 of 12) 55
G1M Board Schematic Diagram 57
HM1 Board Schematic Diagram 60
HM3 Board Schematic Diagram 62
UM Board Schematic Diagram 64
3-6. Semiconductors 66

SECTION 4: EXPLODED VIEWS 67
4-1. Rear Cover Assembly and Stand Assembly 67
4-2. Chassis 68
4-3. Connectors 69
4-4. Bezel Assembly, LCD Panel and Speakers 70

SECTION 5: ELECTRICAL PARTS LIST 71

APPENDIX A: ENCRYPTION KEY COMPONENTS A-1

SPECIFICATIONS

Power Requirements 120V AC, 60Hz
220V, 50/60 Hz (Chile, Perú)

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1 Only)
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
C: 0.286 Vp-p (Burst signal), 75 ohms

Video
1.0 Vp-p, 75ohms unbalanced, sync negative

Audio
500 mVrms (100% modulation)
Impedance:47 kilohms

COMPONENT IN 1/2

YP_BP_R (Component Video)
Y:1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B:0.7 Vp-p, 75 ohms
P_R:0.7 Vp-p, 75 ohms
Signal format: 480i, 480p, 720p, 1080i

AUDIO
500 mVrms (100% modulation)
Impedance: 47 kilohms

HDMI IN 1/2:
HDMI: Video:480i, 480p, 720p, 1080i
Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits
AUDIO: (HDMI IN 2 only) 500 mVrms (100% modulation)
Impedance: 47 kilohms

AUDIO OUT:
500 mVrms (100% modulation)
More than 1 Vrms at the maximum volume setting (Variable)
More than 500 mVrms (Fixed)

PC IN:
D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

☛ **PC AUDIO INPUT**:
Stereo mini jack, 500 mVrms, 47 kilohm

HEADPHONES:
Stereo mini jack
Impedance: ≥ 16 ohms

Trademark Information

Manufactured under license from Dolby Laboratories. “Dolby” and double-D symbol are trademarks of Dolby Laboratories.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Blu-ray is a trademark. “BRAVIA” and BRAVIA, R, and PS3 are trademarks or registered marks of Sony Corporation.

Design and specifications are subject to change without notice.

	KDL-26M3000	KDL-26ML130	KDL-32M3000	KDL-32ML130
Power Consumption				
in use	135W		170W	
in standby	Less than 1W			
Speaker Output (W)	10W + 10W			
mm	146 x 35 mm			
in	$5^{3/4}$ x $1^{3/8}$ in			
Dimensions (W x H x D) with stand				
mm	662 x 515 x 214 mm		796 x 590 x 214 mm	
in	$26^{1/8}$ x $20^{3/8}$ x $8^{1/2}$ in		$31^{3/8}$ x $23^{1/4}$ x $8^{1/2}$ in	
Dimensions (W x H x D) without stand				
mm	662 x 468 x 108 mm		796 x 544 x 100 mm	
in	$26^{1/8}$ x $18^{1/2}$ x $4^{3/8}$ in		$31^{3/8}$ x $21^{1/2}$ x 4 in	
Mass with stand				
kg	13 kg		16 kg	
lbs	29 lbs		36 lbs	
without stand				
kg	11 kg		14 kg	
lbs	25 lbs		31 lbs	

All measurements are approximations.

Television system

NTSC American TV Standard
ATSC (8VSB terrestrial) ATSC compliant 8VSB
QAM on cable: ANSI/SCTE 07 2000

Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

Antenna

75-ohm external terminal for VHF/UHF

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

Screen Size (measured diagonally)

approx. 26 inches (KDL-26M3000/26ML130 Only)
approx. 31.5 inches (KDL-32M3000/32ML130 Only)

Supplied Accessories

- Remote Commander RM-YD021
- Two Size AA (R6) Batteries
- AC Power Cord
- Suport Belt, Securing Screw, and Wood Screw
- Cable Holder
- Operating Instructions
- Quick Setup Guide
- Warranty Card
- Online Registration Card
- Wall-Mount Instructions

Optional Accessories

- Headphones Plug Adapter
- Connecting Cables
- Wall-Mount Bracket
  - SU-WL100 (KDL-26M3000/26ML130 Only)
  - SU-WL500 (KDL-32M3000/32ML130 Only)
- HD15-HD15 Cable
- 75-ohm Coaxial Cable

WARNINGS AND CAUTIONS

CAUTION

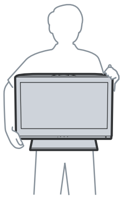
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CARRYING THE TV

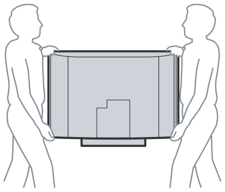
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

☐ Before carrying the TV, disconnect all cables.
☐ Carrying the large size TV requires two or more people.
☐ When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

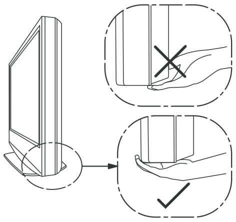
KDL-26M300026ML130



KDL-32M3000/32ML130



☐ When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.



☐ When carrying, do not subject the TV to shocks or vibration, or excessive force.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

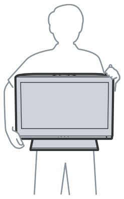
Ces instructions de service sont à l’usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l’entretien autre que celui contenu dans le Mode d’emploi à moins que vous soyez qualifié faire ainsi.

POUR TRANSPORTER LE TÉLÉVISEUR

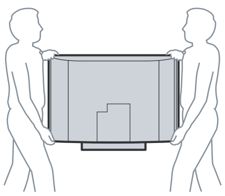
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

☐ Avant de transporter le téléviseur, débranchez tous les câbles.
☐ Le transport du téléviseur doit être effectué par au moins deux personnes.
☐ Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l’appareil. N’appliquez pas de pression sur l’écran ACL.

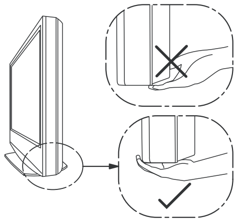
KDL-26M300026ML130



KDL-32M3000/32ML130



☐ Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.



☐ Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

Afin d’eviter tout risque d’electrocution provenant d’un chássis sous tension, un transformateur d’isolement doit etre utilisé lors de tout dépannage. Le chássis de ce récepteur est directement raccordé à l’alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d’une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l’importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu’un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

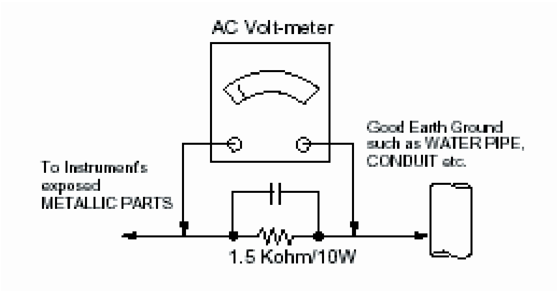
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

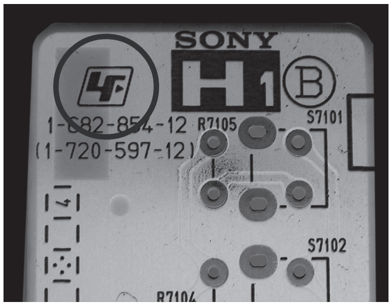
→ do not press on the panel or frame edge to avoid the risk of electric shock.
→ do not scratch or press on the panel with any sharp objects.
→ do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
→ do not expose the LCD panel to direct sunlight.
→ avoid contact with water. It may cause a short circuit within the module.
→ disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
→ always clean the LCD panel with a soft cloth material.
→ use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
→ protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT


AC Volt-meter
Good Earth Ground such as WATER PIPE, CONDUIT etc.
To Instrument's exposed METALLIC PARTS
1.5 Kohm/10W

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.

example 1



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

Leakage Test

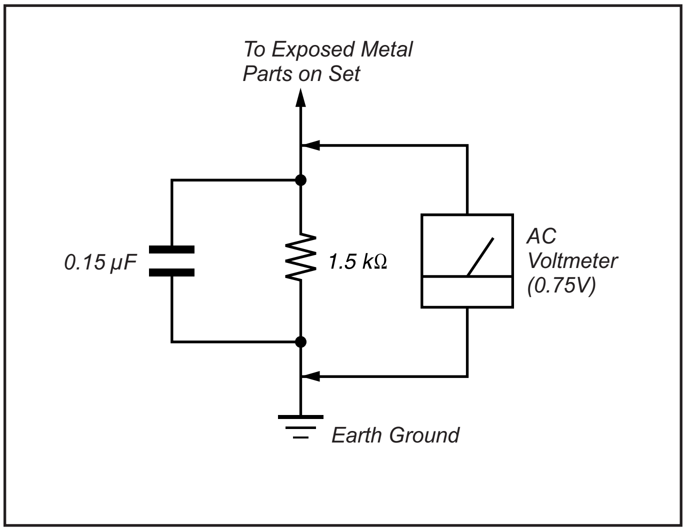


Figure A. Using an AC voltmeter to check AC leakage.

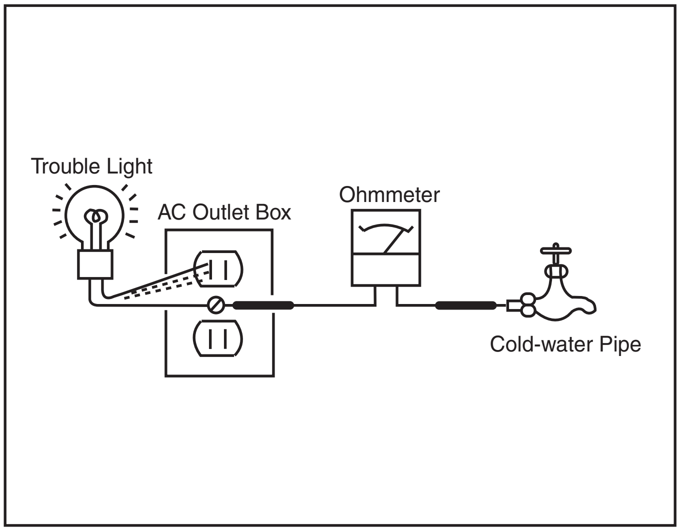


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

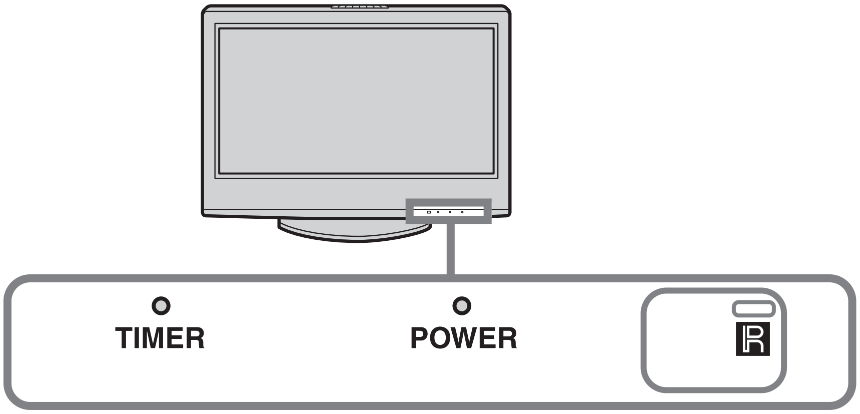
Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the TIMER LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the TIMER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

When an error occurs, the TIMER LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

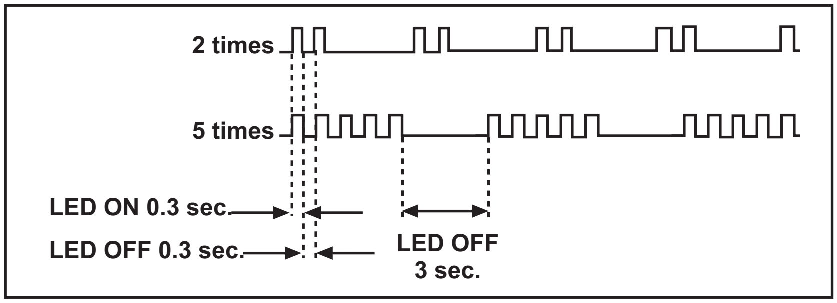
Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Light is green when the TV set is on
TIMER LED	Amber/Green/Red LED	* Light is green when the **Picture Off** feature is activated. * Light is amber when the timer is set. * Blinks red when indicating the TV may need servicing

Display of TIMER LED Flash Count



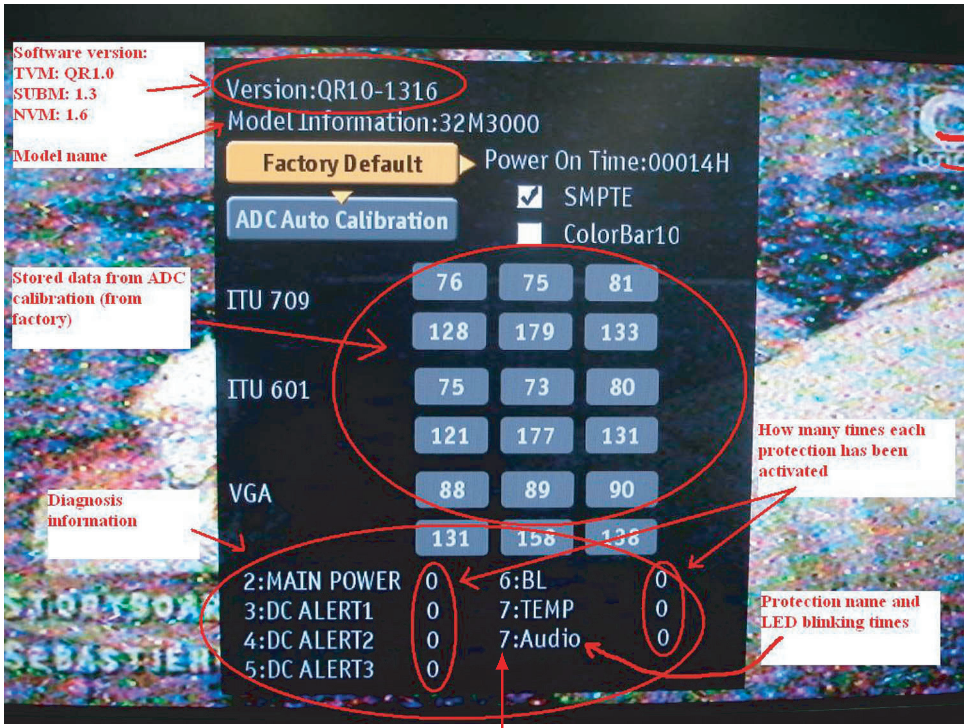
Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

   DISPLAY → Channel 5 → Volume + → TV POWER.

   The Self Check list displays. ↑ This is the SAME as accessing Service Adjustments.

Results for all of the following diagnostic items are displayed at the bottom of the screen. No error has occurred if the screen displays a “0”.



Software version:
TVM: QR1.0
SUBM: 1.3
NVM: 1.6

Model name

Stored data from ADC calibration (from factory)

Diagnosis information

How many times each protection has been activated

Protection name and LED blinking times

Version:QR10-1316
Model Information:32M3000
Power On Time:00014H
☑ SMPTE
☐ ColorBar10

ITU 709: 76 75 81 / 128 179 133
ITU 601: 75 73 80 / 121 177 131
VGA: 88 89 90 / 131 158 138

2:MAIN POWER 0
3:DC ALERT1 0
4:DC ALERT2 0
5:DC ALERT3 0
6:BL 0
7:TEMP 0
7:Audio 0

NOTE: The On Screen Displays shows 7, but it should be **8** for Audio.

2:	MAIN_POWER	0	6:	BL (Back Light)	0
3:	DC_ALERT1	0	7:	TEMP	1
4:	DC_ALERT2	0	8:	Audio	0
5:	DC_ALERT3	0			

← 0 indicates no error was detected
← 1 indicates an error was detected

Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 → Channel 0.

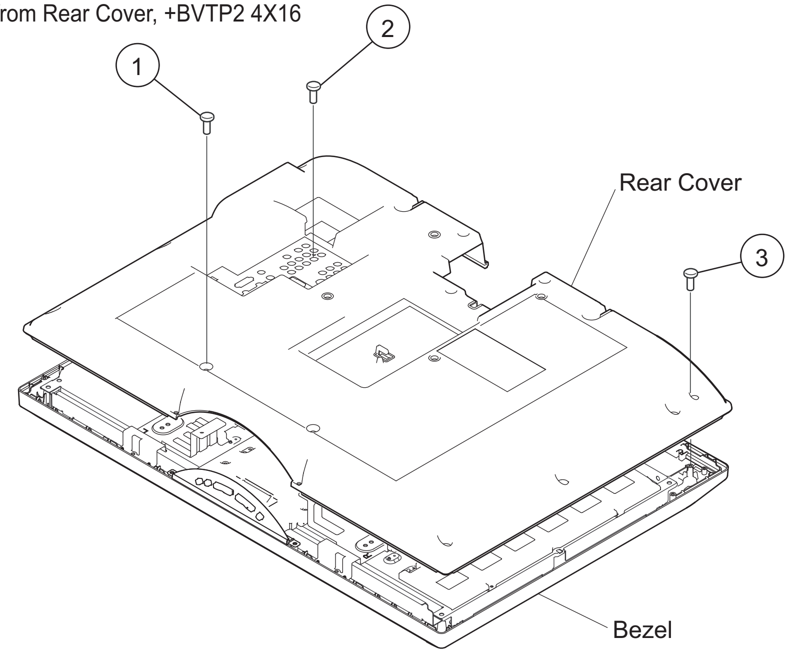
SECTION 1: DISASSEMBLY

1-1. REAR COVER REMOVAL

① Remove 2 screws from Rear Cover arm positions, +PSW M5X16

② Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 TT(B)

③ Remove 14 screws from Rear Cover, +BVTP2 4X16

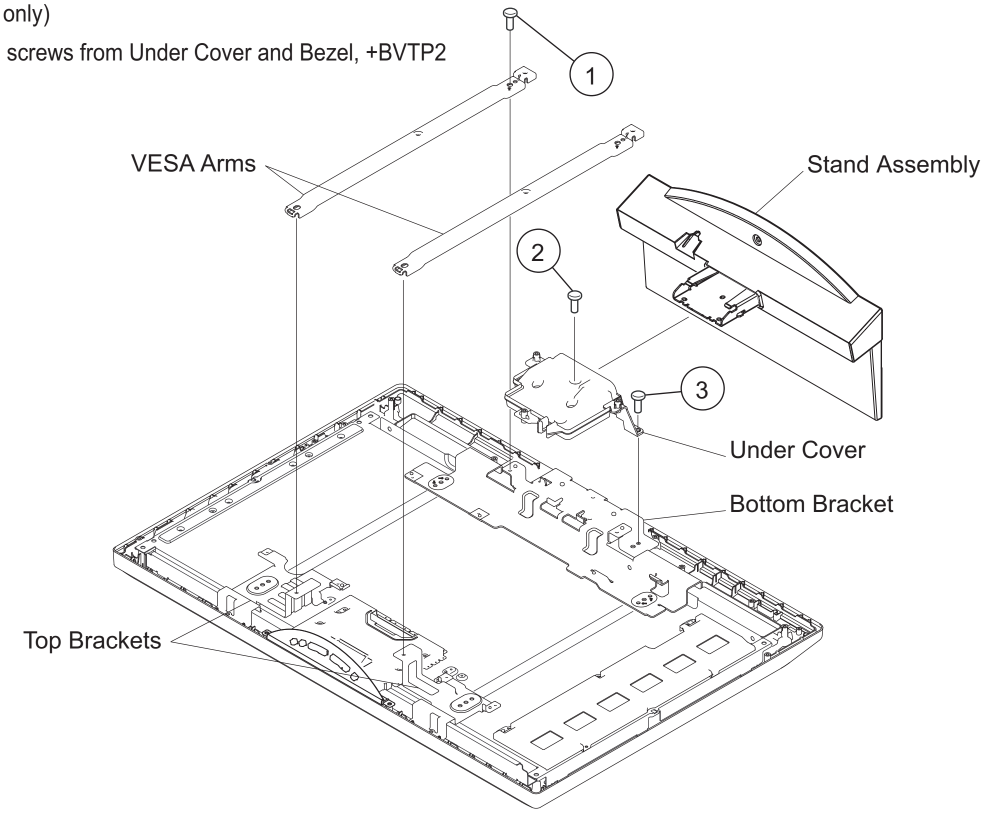

2
1
Rear Cover
3
Bezel

1-2. ARM, UNDER COVER AND STAND REMOVAL

① Remove 2 screws from bottom of VESA Arms, +PSW M5X16

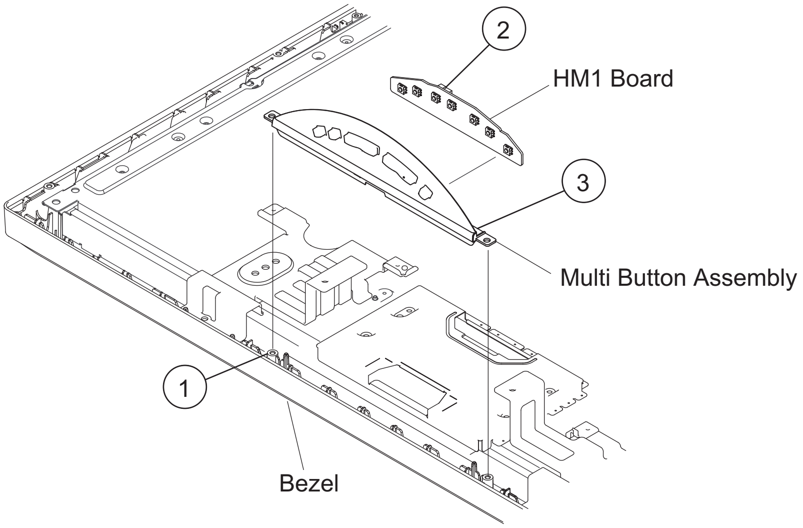
② Remove 3 screws from Under Cover and Stand, +BVTP2 4X16 (32” only)

③ Remove 2 screws from Under Cover and Bezel, +BVTP2 4X16


1
VESA Arms
Stand Assembly
2
3
Under Cover
Bottom Bracket
Top Brackets

1-3. HM1 BOARD REMOVAL

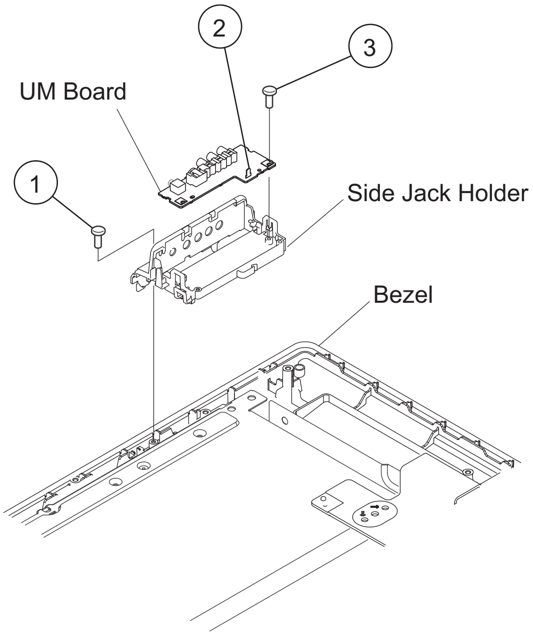
① Remove from bezel
② Disconnect one connector
③ Release hooks and remove HM1 Board



2
HM1 Board
3
Multi Button Assembly
1
Bezel

1-4. UM BOARD AND JACK HOLDER REMOVAL

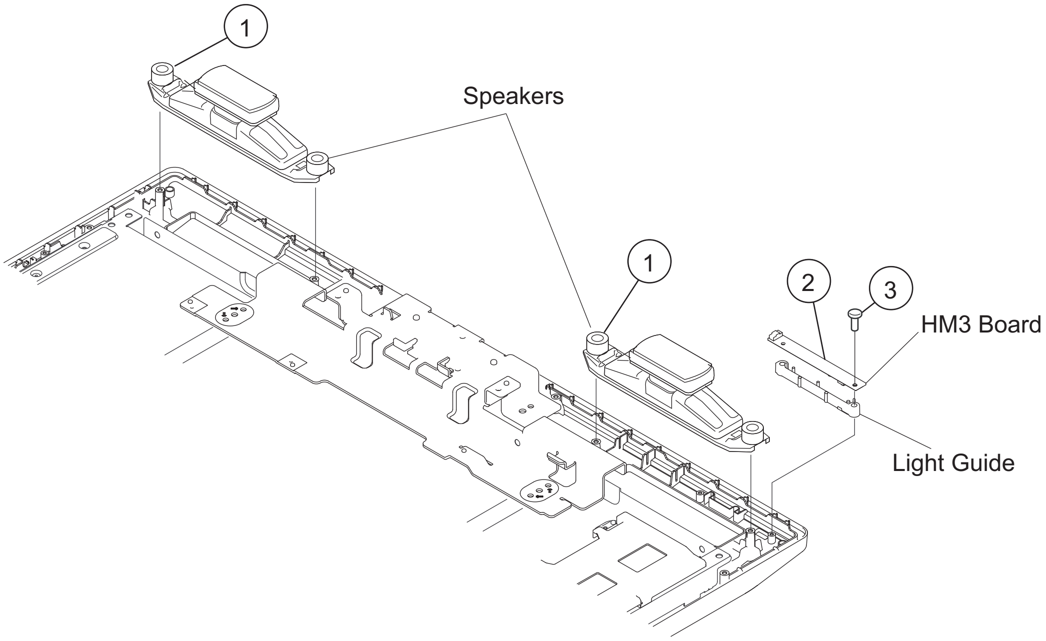
① Remove one screw, +BVTP 3X12 TYPE2 TT(B)
② Disconnect 2 connectors
③ Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



2
3
UM Board
1
Side Jack Holder
Bezel

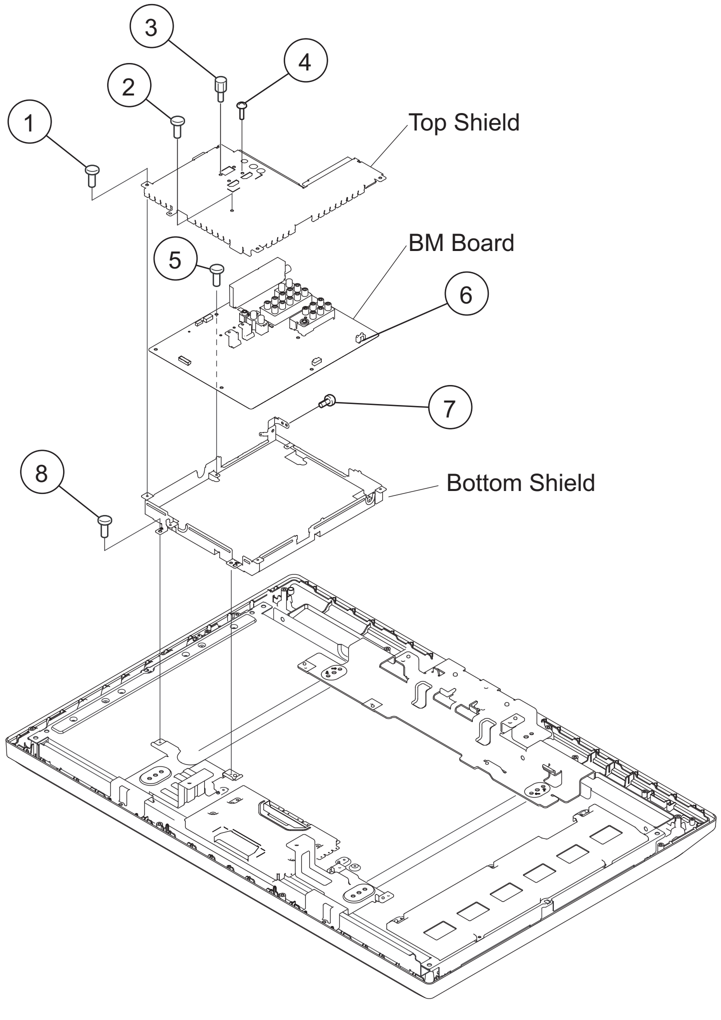
1-5. SPEAKER, LIGHT GUIDE AND HM3 BOARD REMOVAL

① Slide out Speakers from Bezel
② Disconnect one connector
③ Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)


1
Speakers
1
2
3
HM3 Board
Light Guide

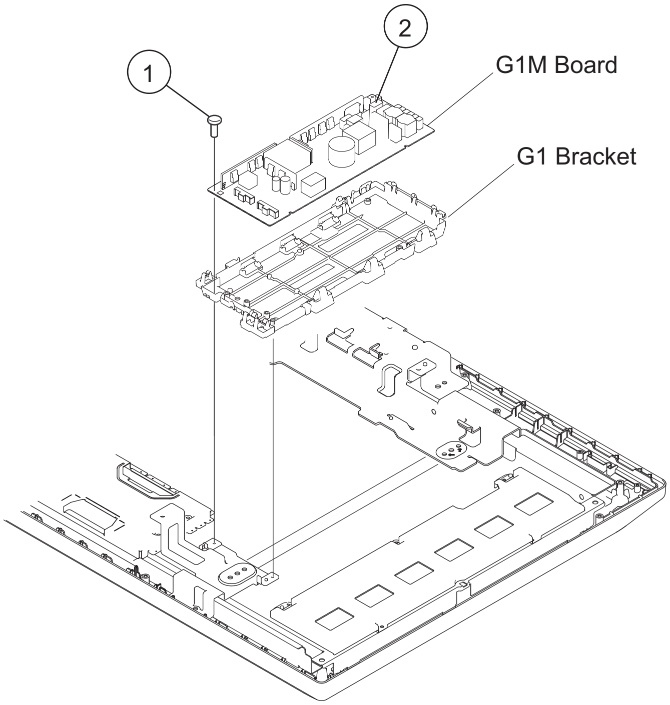
1-6. BM BOARD REMOVAL

① Remove 4 screws, +BVST 3X8
② Remove 2 screws, +BVST 3X8
③ Remove 2 screws, HEX
④ Remove 2 screws, +PSW M3X5
⑤ Remove 7 screws, +BVST 3X8
⑥ Disconnect 8 connectors
⑦ Remove one screw, +PSW M3X5
⑧ Remove 4 screws, +PSW M3X5


3
4
2
1
Top Shield
BM Board
5
6
7
8
Bottom Shield

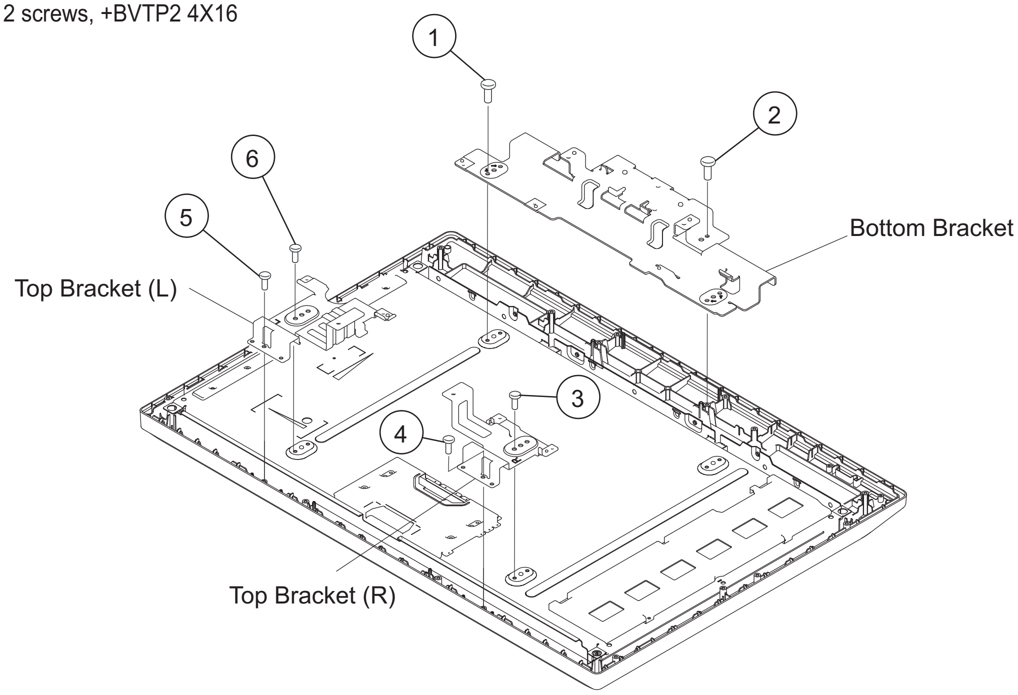
1-7. G1 BRACKET AND G1M BOARD REMOVAL

① Remove 3 screws (32”), 4 screws (26”), +PSW 3SG
② Disconnect 3 connectors


2
1
G1M Board
G1 Bracket

1-8. VESA BRACKET REMOVAL

① Remove 4 screws, +PSW M4X8
② Remove 2 screws, +BVTP2 4X16
③ Remove 4 screws, +PSW M4X8
④ Remove 2 screws, +BVTP2 4X16
⑤ Remove 4 screws, +PSW M4X8
⑥ Remove 2 screws, +BVTP2 4X16

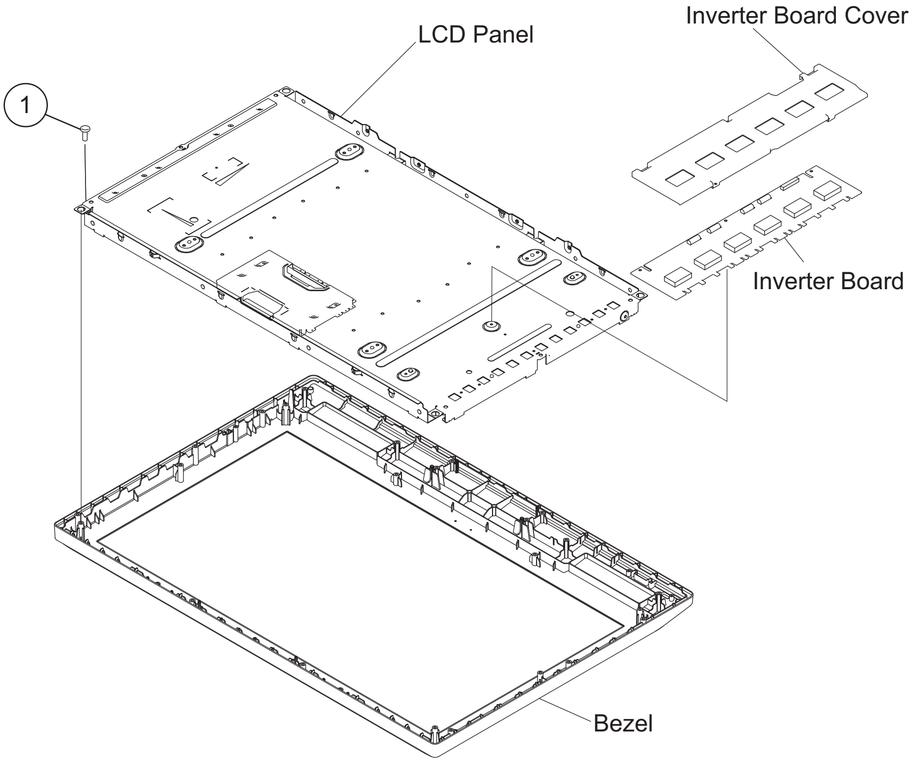

1
2
6
5
Bottom Bracket
Top Bracket (L)
3
4
Top Bracket (R)

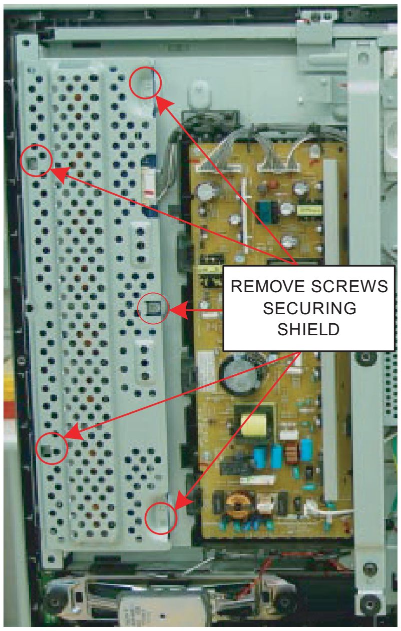
1-9 LCD PANEL/BRACKET AND LED LIGHT GUIDE REMOVAL

CAUTION:

Be sure to identify the inverter cover screws before proceeding. DO NOT remove the screws securing the plastic strip holding the lamp sockets.

① Remove 2 screws, +BVTP2 4X16

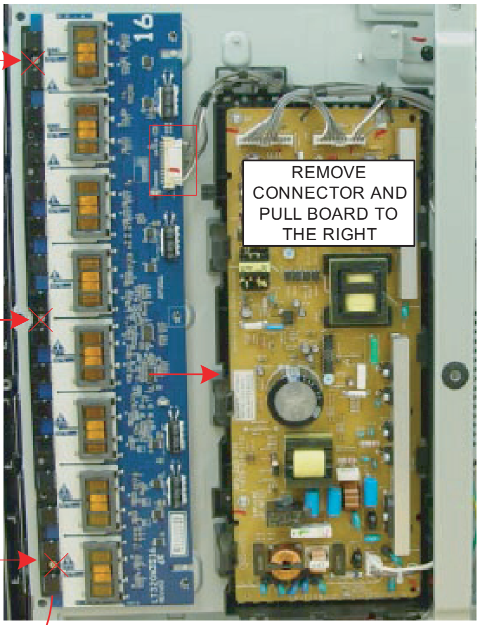

LCD Panel
Inverter Board Cover
1
Inverter Board
Bezel

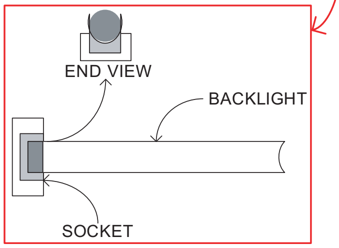

REMOVE SCREWS SECURING SHIELD

SHIELD REMOVAL

WARNING!

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS. DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!


REMOVE CONNECTOR AND PULL BOARD TO THE RIGHT


END VIEW
BACKLIGHT
SOCKET

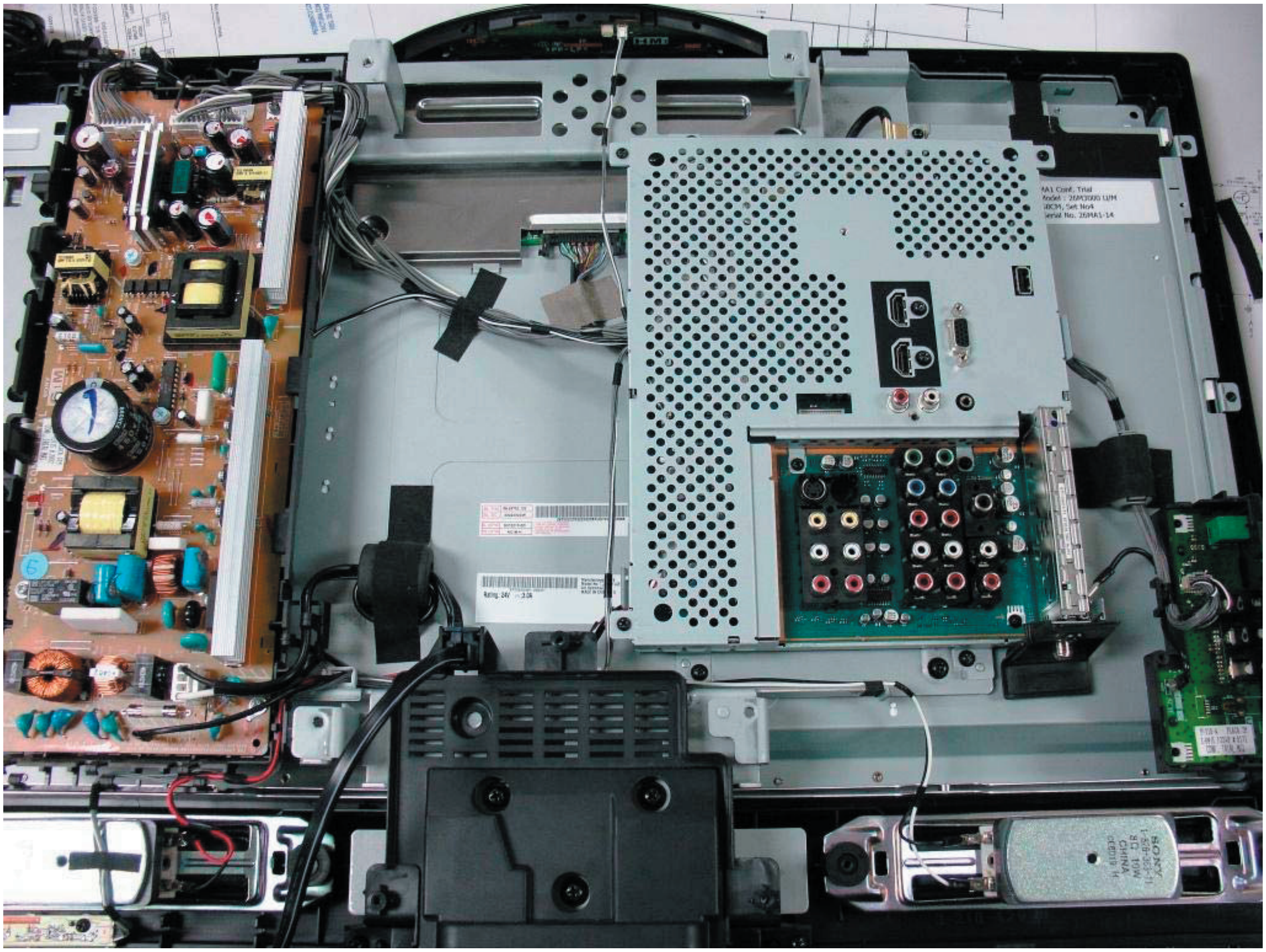
INVERTER BOARD REMOVAL

Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example shown is a 32” model but applies to all models.

WIRE DRESSING

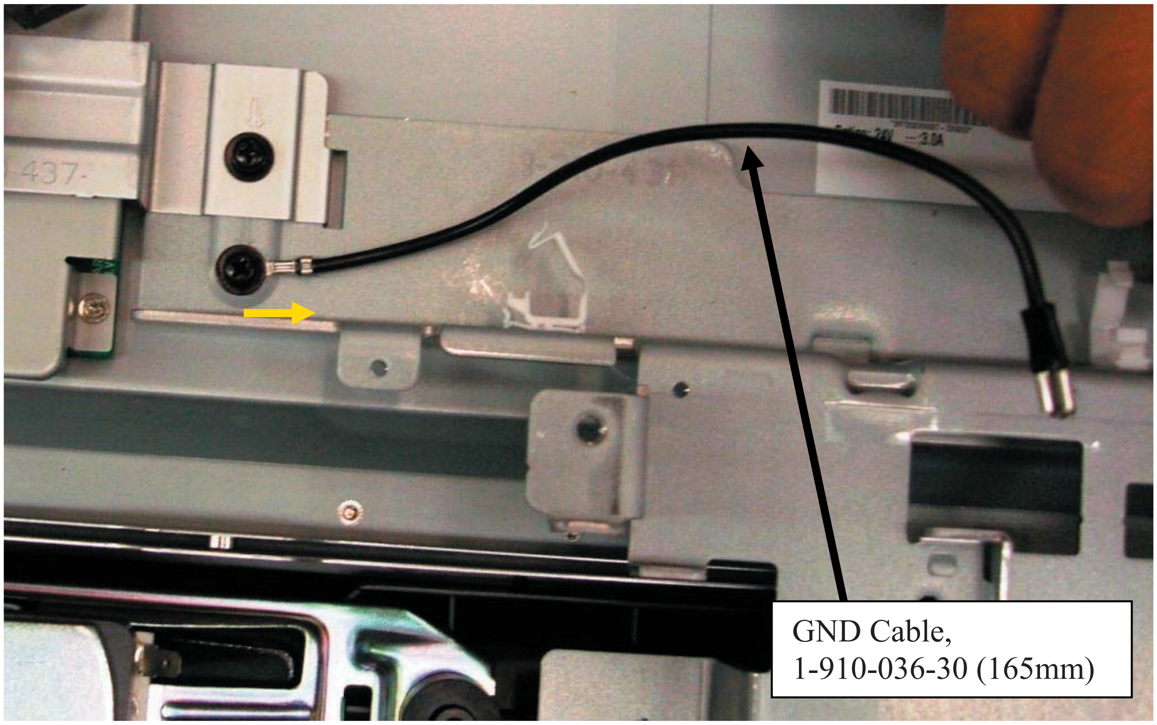
KDL-26M3000/26ML130 ONLY

OVERALL VIEW



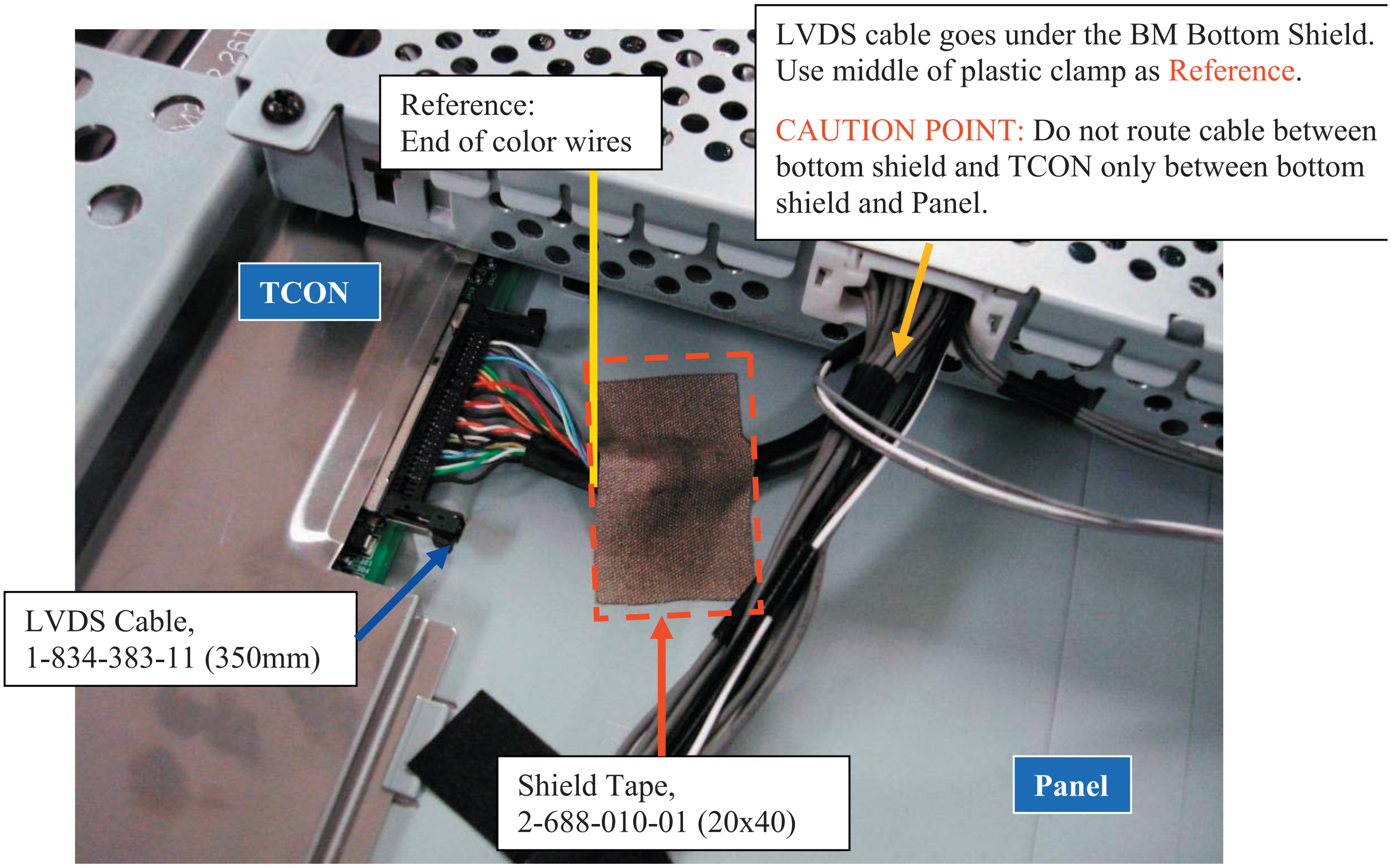
KDL-26M3000/26ML130 ONLY

GROUND CABLE



GND Cable,
1-910-036-30 (165mm)

LVDS CONNECTOR



LVDS cable goes under the BM Bottom Shield. Use middle of plastic clamp as Reference.

CAUTION POINT: Do not route cable between bottom shield and TCON only between bottom shield and Panel.

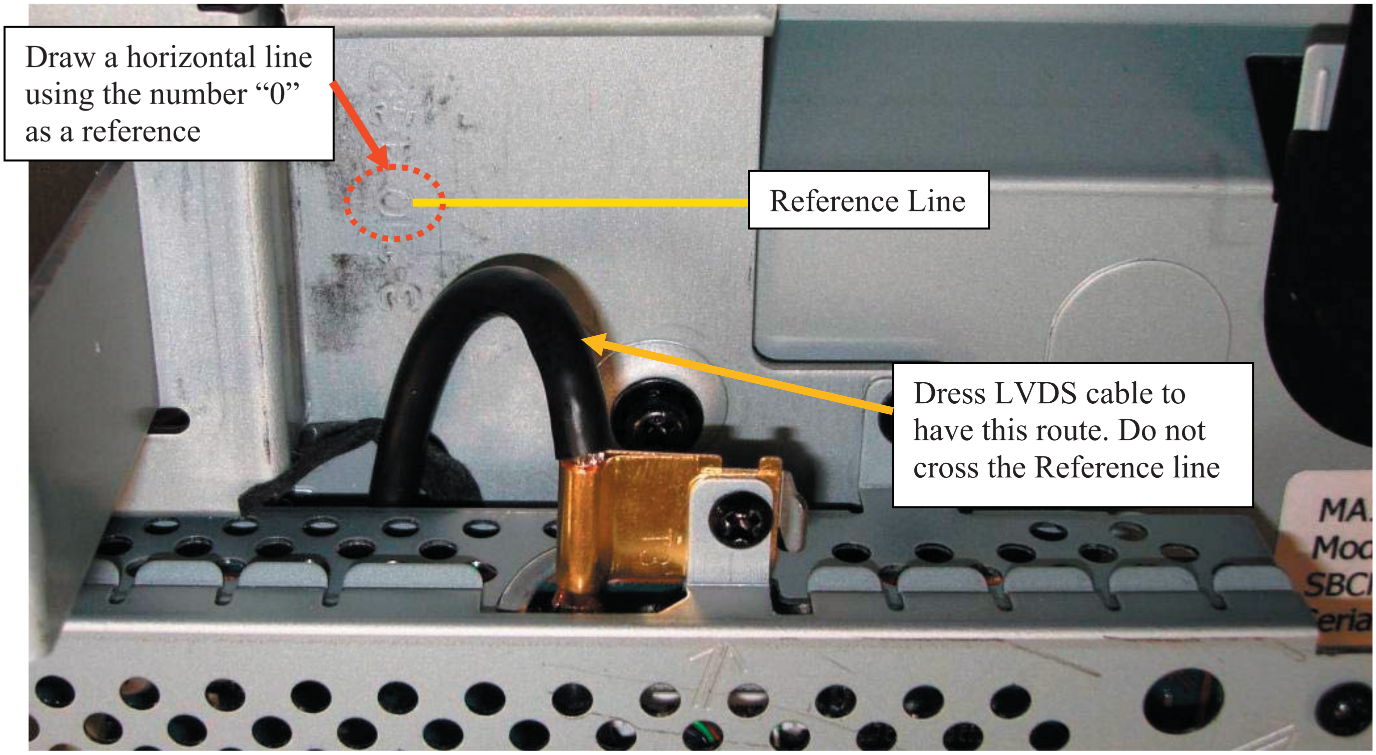
Reference:
End of color wires

LVDS Cable,
1-834-383-11 (350mm)

Shield Tape,
2-688-010-01 (20x40)

KDL-26M3000/26ML130 ONLY

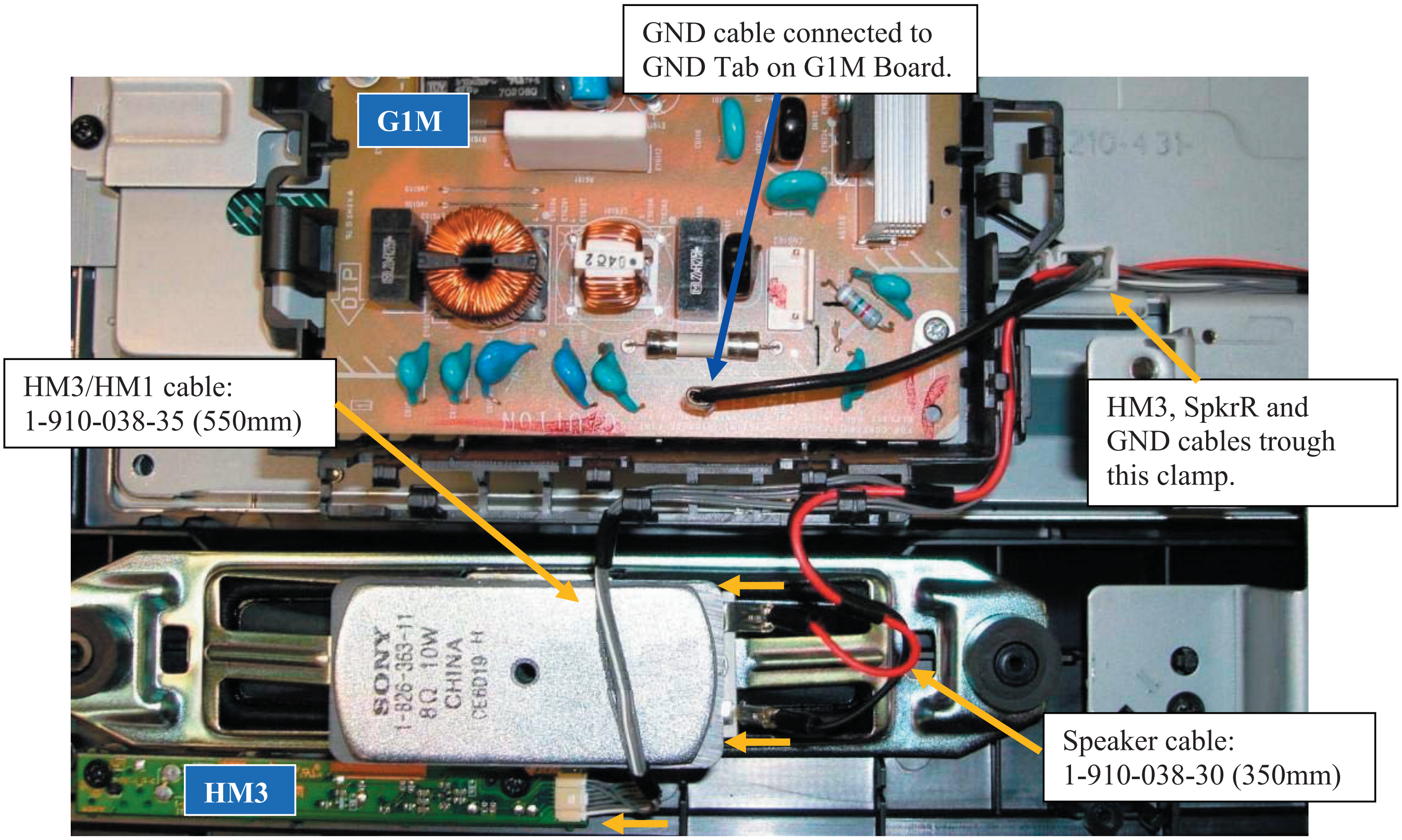
LVDS CONNECTOR (CONTINUED)


Draw a horizontal line using the number “0” as a reference

Reference Line

Dress LVDS cable to have this route. Do not cross the Reference line

HM3 BOARD AND SPEAKERS


GND cable connected to GND Tab on G1M Board.

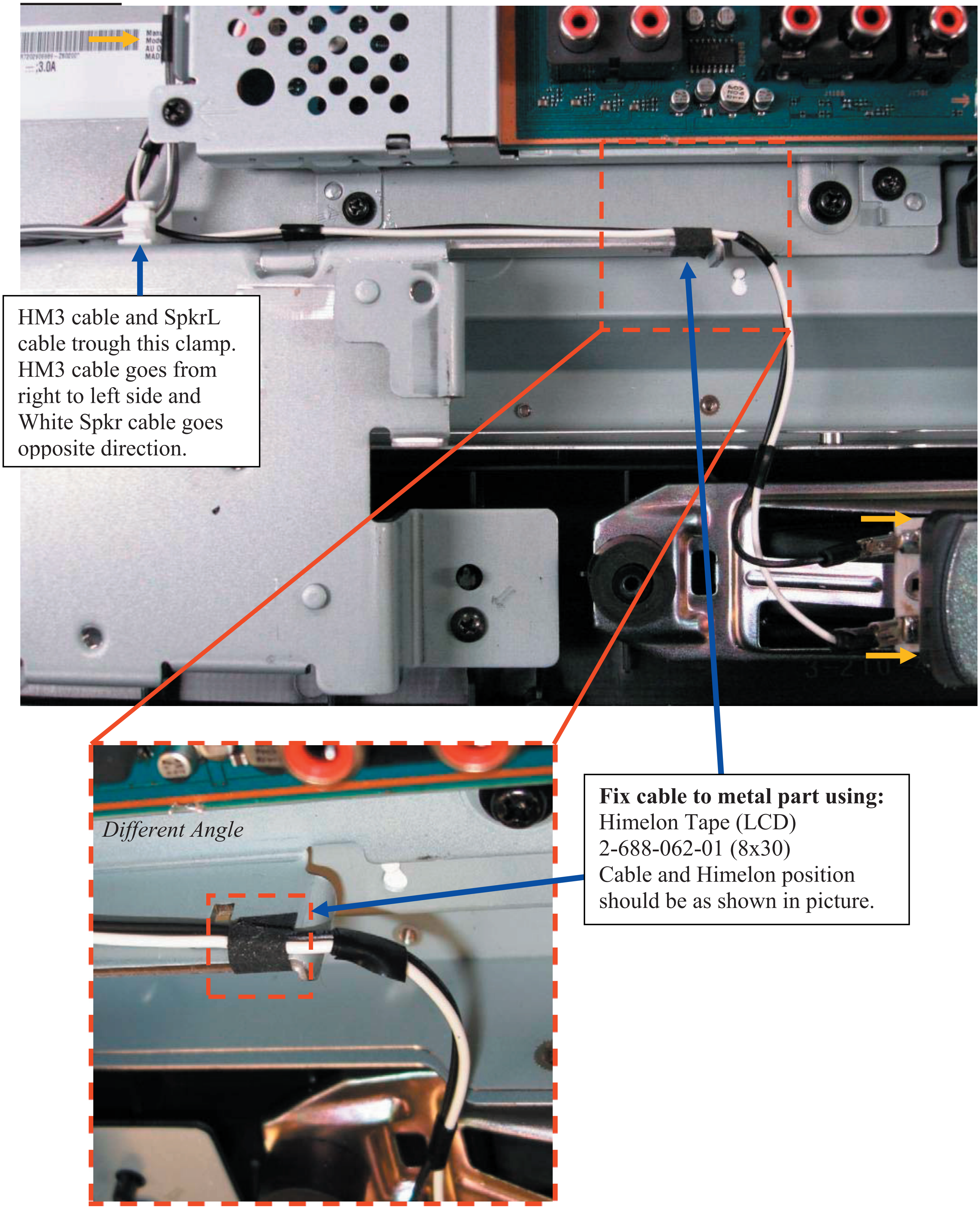
HM3/HM1 cable: 1-910-038-35 (550mm)

HM3, SpkrR and GND cables trough this clamp.

Speaker cable: 1-910-038-30 (350mm)

KDL-26M3000/26ML130 ONLY

HM3 BOARD AND SPEAKERS (CONTINUED)

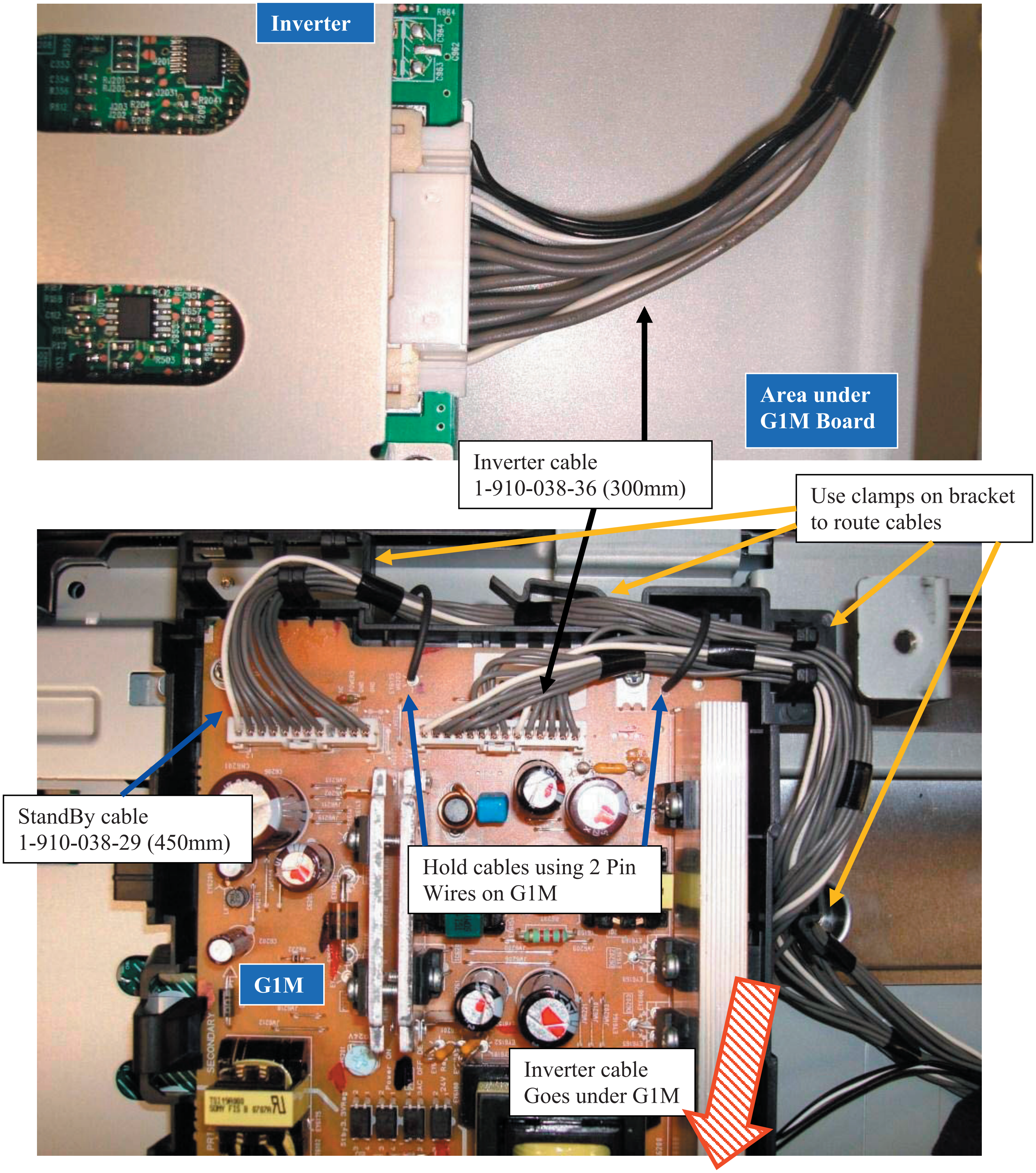


HM3 cable and SpkrL cable trough this clamp. HM3 cable goes from right to left side and White Spkr cable goes opposite direction.

Fix cable to metal part using:
Himelon Tape (LCD)
2-688-062-01 (8x30)
Cable and Himelon position should be as shown in picture.

KDL-26M3000/26ML130 ONLY

INVERTER BOARD CONNECTORS


Inverter
Area under G1M Board
G1M

Inverter cable
1-910-038-36 (300mm)

Use clamps on bracket
to route cables

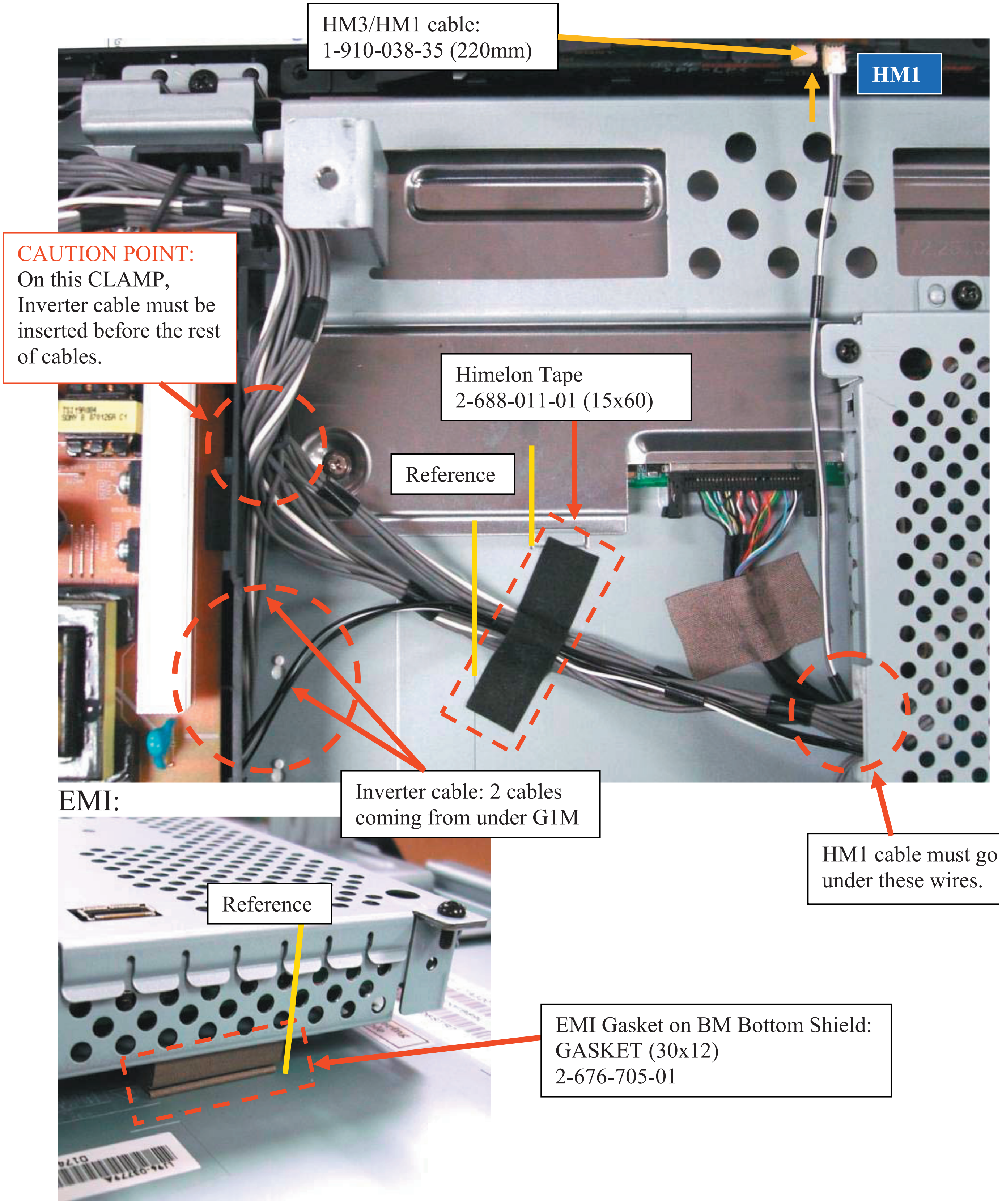
StandBy cable
1-910-038-29 (450mm)

Hold cables using 2 Pin
Wires on G1M

Inverter cable
Goes under G1M

KDL-26M3000/26ML130 ONLY

HDMI CONNECTORS



HM3/HM1 cable:
1-910-038-35 (220mm)

CAUTION POINT:
On this CLAMP, Inverter cable must be inserted before the rest of cables.

Himelon Tape
2-688-011-01 (15x60)

Inverter cable: 2 cables coming from under G1M

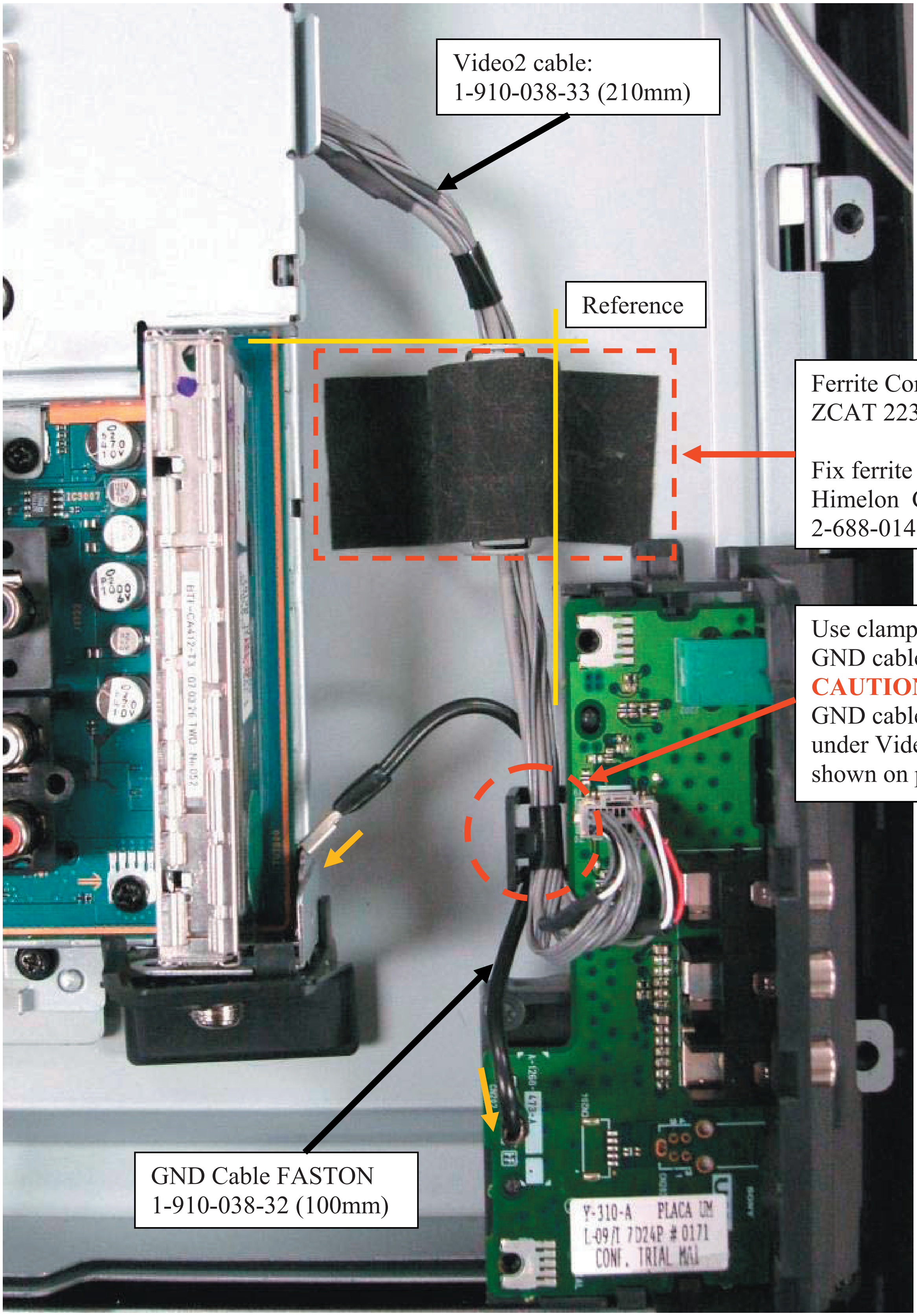
HM1 cable must go under these wires.

EMI:

EMI Gasket on BM Bottom Shield:
GASKET (30x12)
2-676-705-01

KDL-26M3000/26ML130 ONLY

VIDEO CONNECTORS AND GROUND CABLE



Video2 cable:
1-910-038-33 (210mm)

Reference

Ferrite Core (140005211)
ZCAT 2235-1030

Fix ferrite to panel using:
Himelon Core Sheet (A)
2-688-014-01

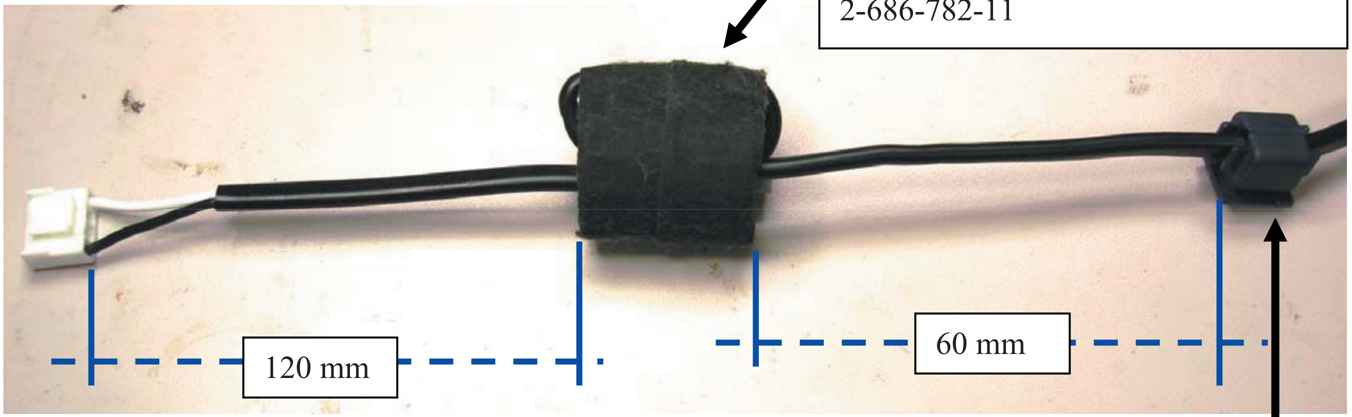
Use clamp to route
GND cable and Wires
CAUTION POINT:
GND cable must go
under Video 2 Cable, as
shown on picture.

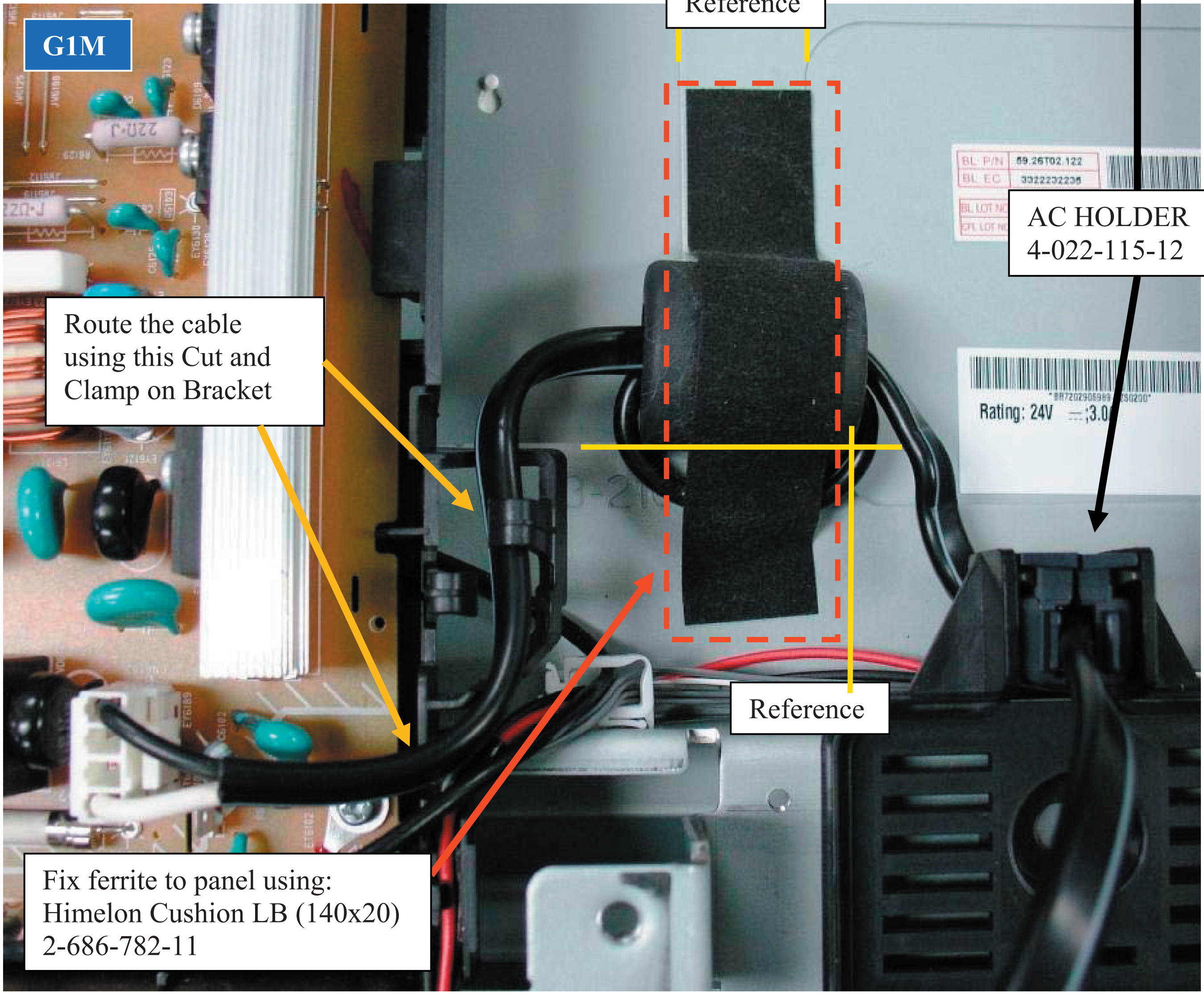
GND Cable FASTON
1-910-038-32 (100mm)

KDL-26M3000/26ML130 ONLY

AC CORD CONNECTOR

Ferrite Core (150002111)
ZCAT 3035-1330
Completely cover Ferrite using:
Himelon Cushion LB x 2 (140x20)
2-686-782-11





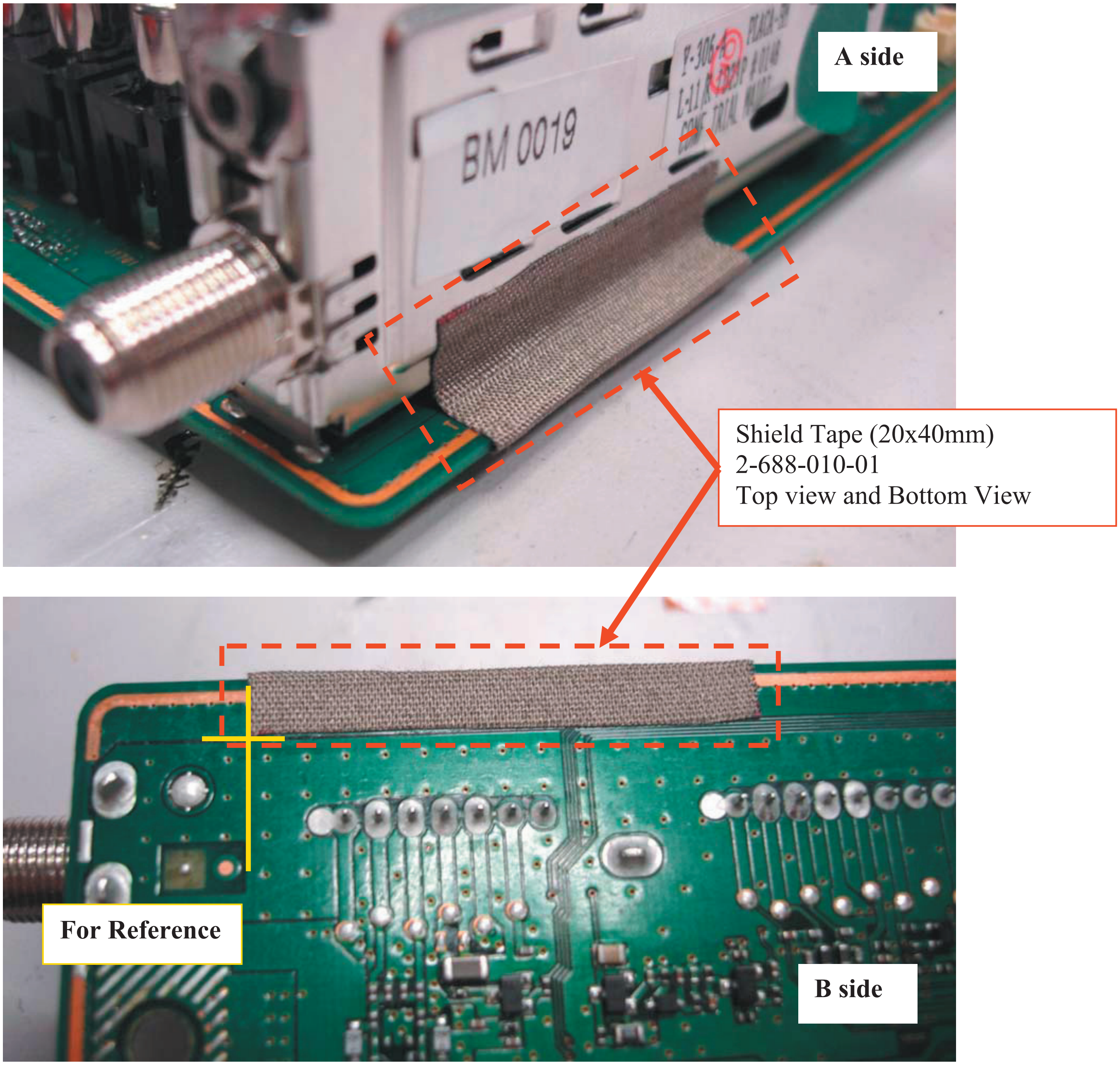
AC HOLDER
4-022-115-12

Route the cable
using this Cut and
Clamp on Bracket

Fix ferrite to panel using:
Himelon Cushion LB (140x20)
2-686-782-11

KDL-26M3000/26ML130 ONLY

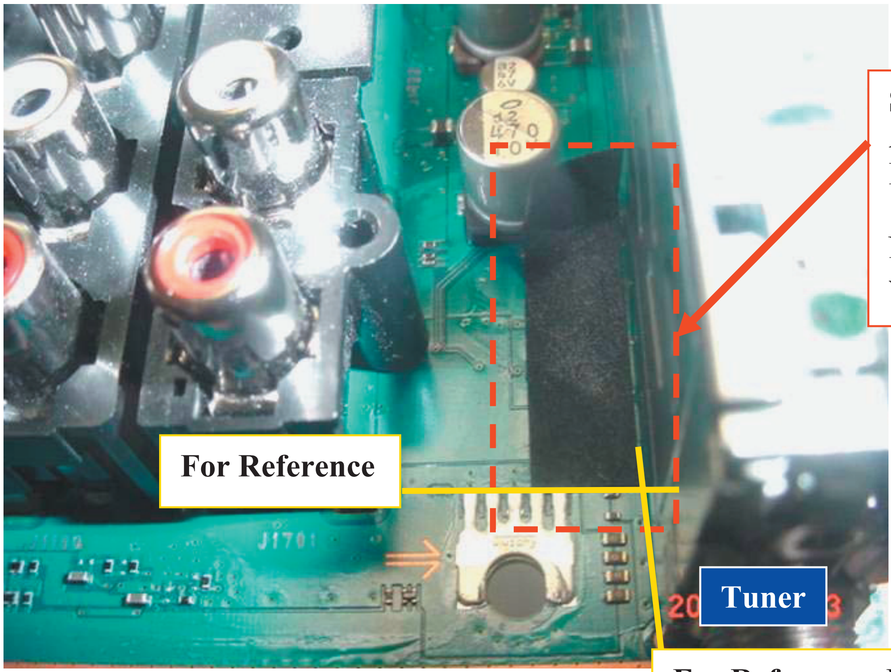
SHIELD TAPE PLACEMENT


A side
BM 0019
For Reference
B side

Shield Tape (20x40mm)
2-688-010-01
Top view and Bottom View

KDL-26M3000/26ML130 ONLY

SHIELD TAPE PLACEMENT (CONTINUED)

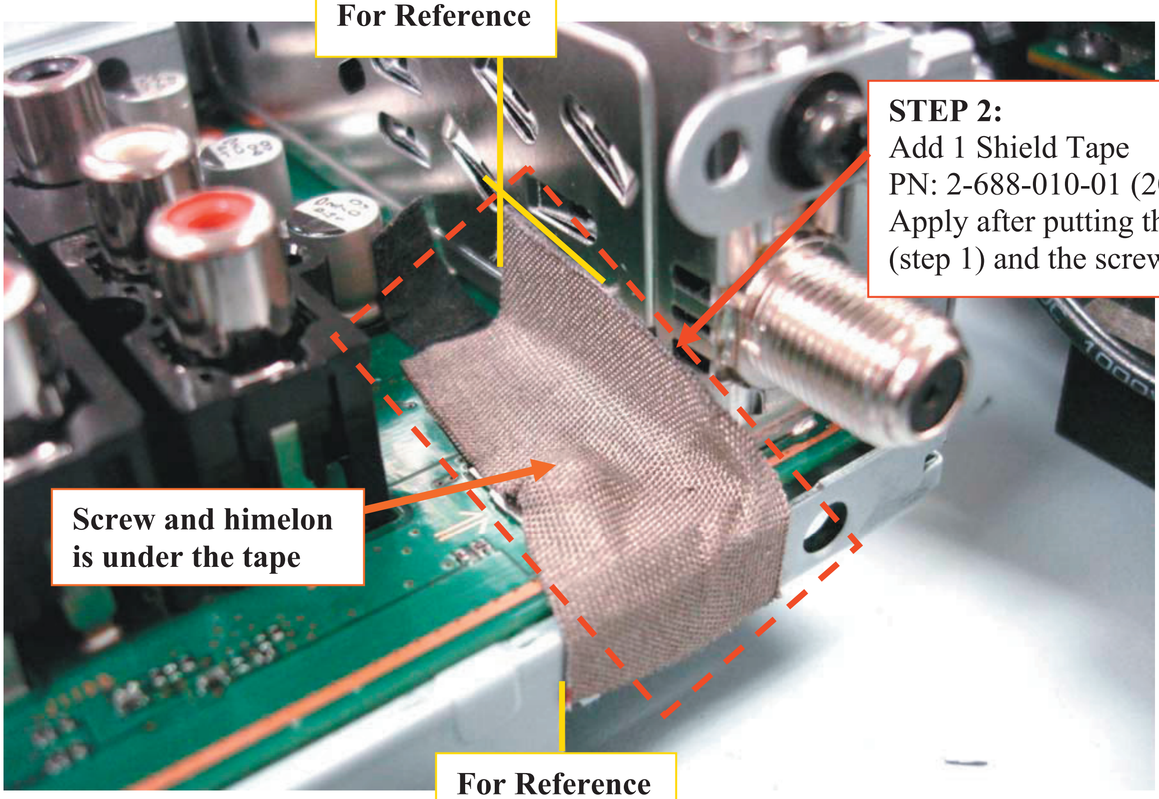


STEP 1:
Add 1 Himelon Tape (LCD)
PN: 2-688-062-01 (8x30mm)

Note: R7853 should be covered with himelon.

For Reference: Edge of Tuner

For Reference



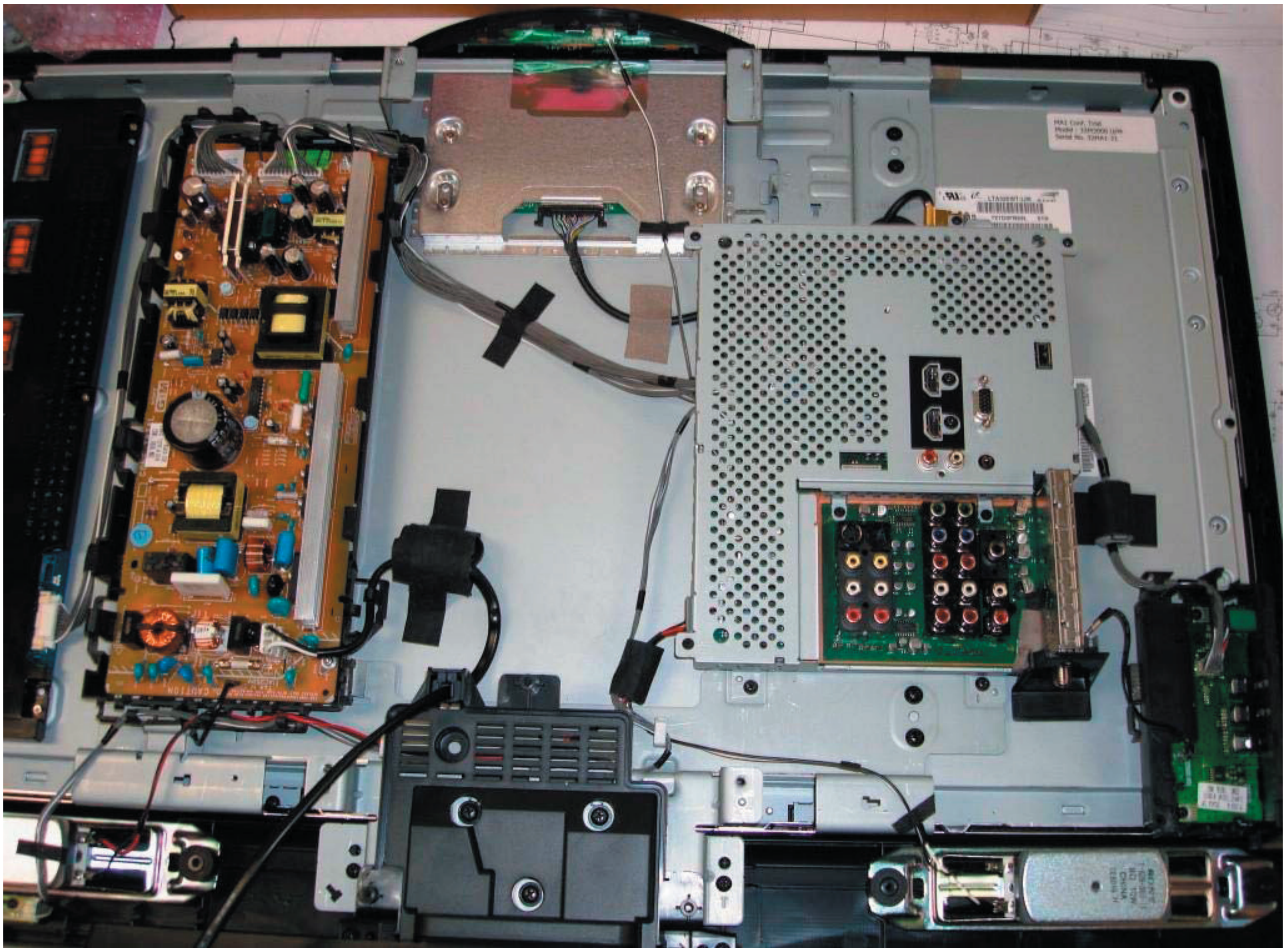
STEP 2:
Add 1 Shield Tape
PN: 2-688-010-01 (20x40mm)
Apply after putting the himelon (step 1) and the screw.

Screw and himelon is under the tape

For Reference

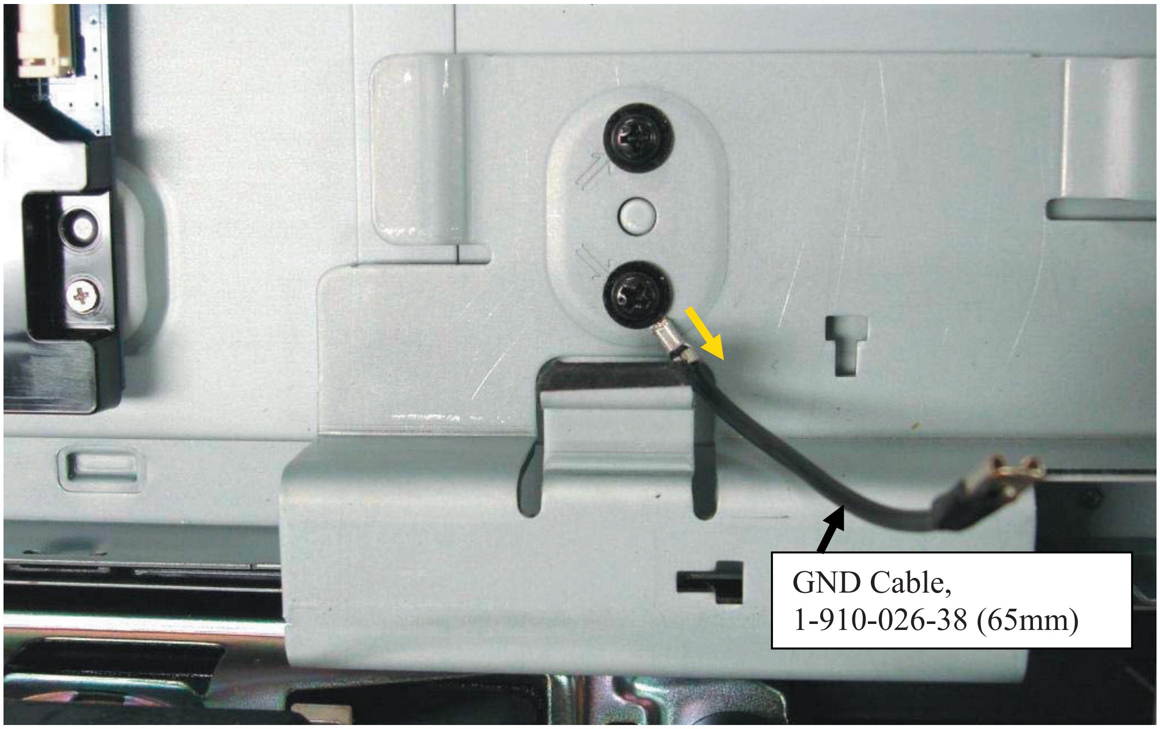
KDL-32M3000/32ML130 ONLY

OVERALL VIEW



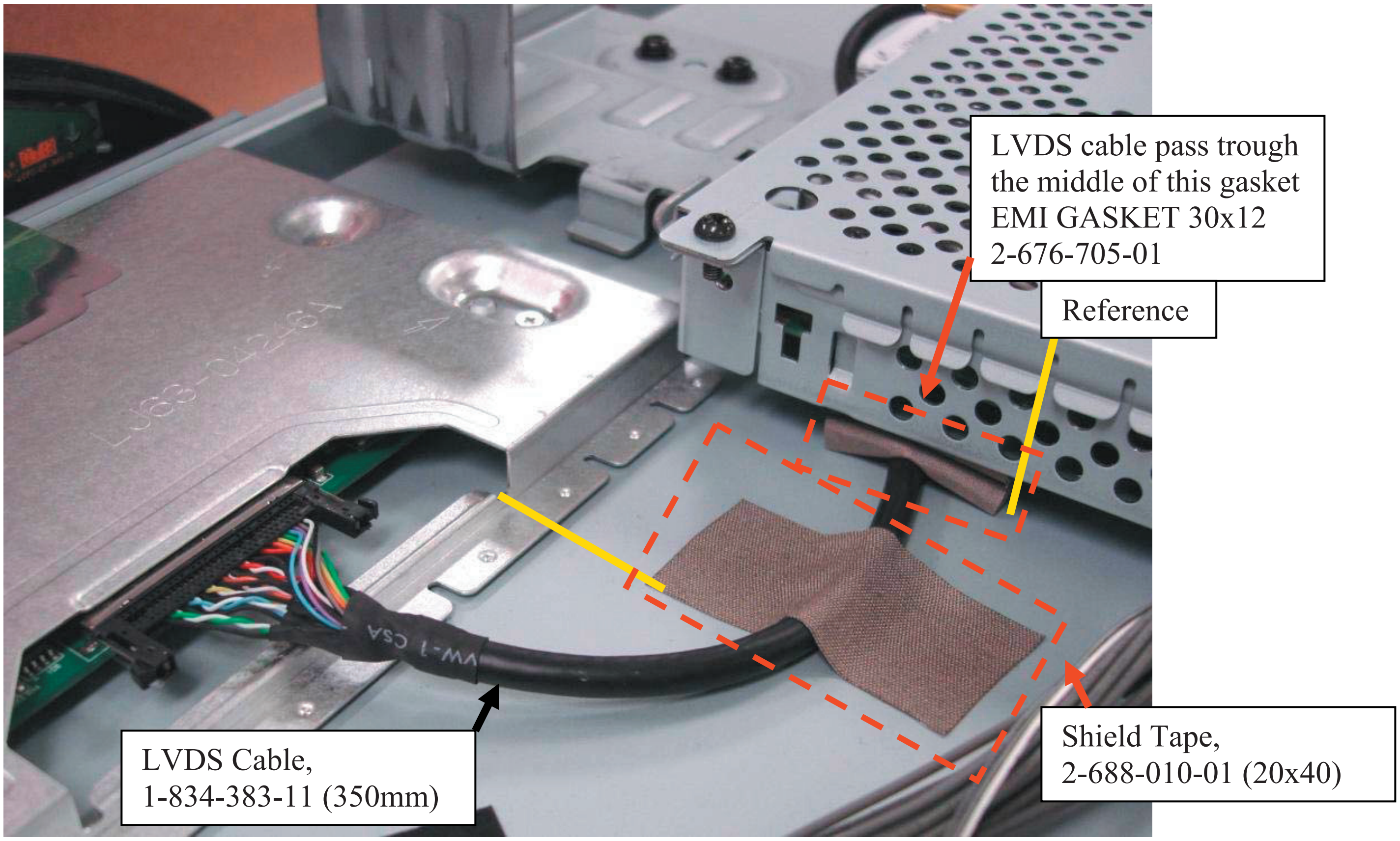
KDL-32M3000/32ML130 ONLY

GROUND CABLE



GND Cable,
1-910-026-38 (65mm)

LVDS CONNECTOR



LVDS cable pass trough the middle of this gasket
EMI GASKET 30x12
2-676-705-01

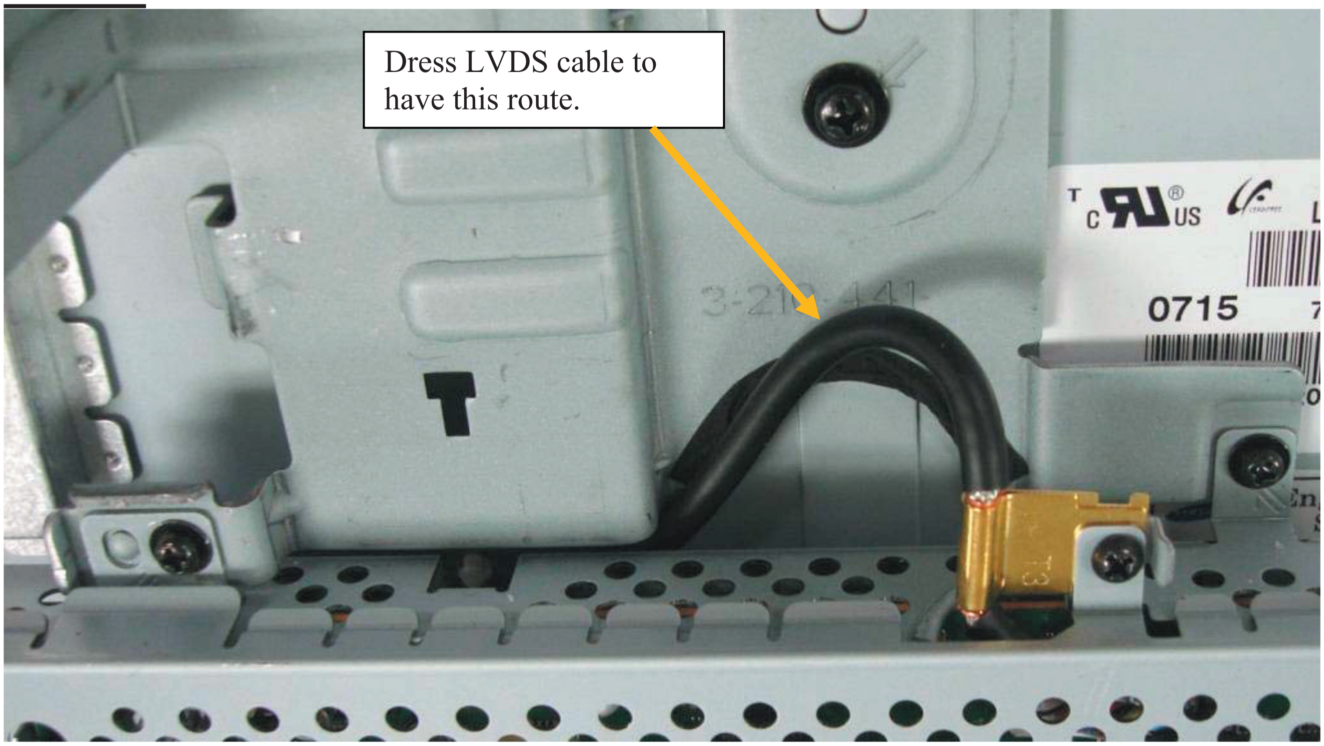
Reference

LVDS Cable,
1-834-383-11 (350mm)

Shield Tape,
2-688-010-01 (20x40)

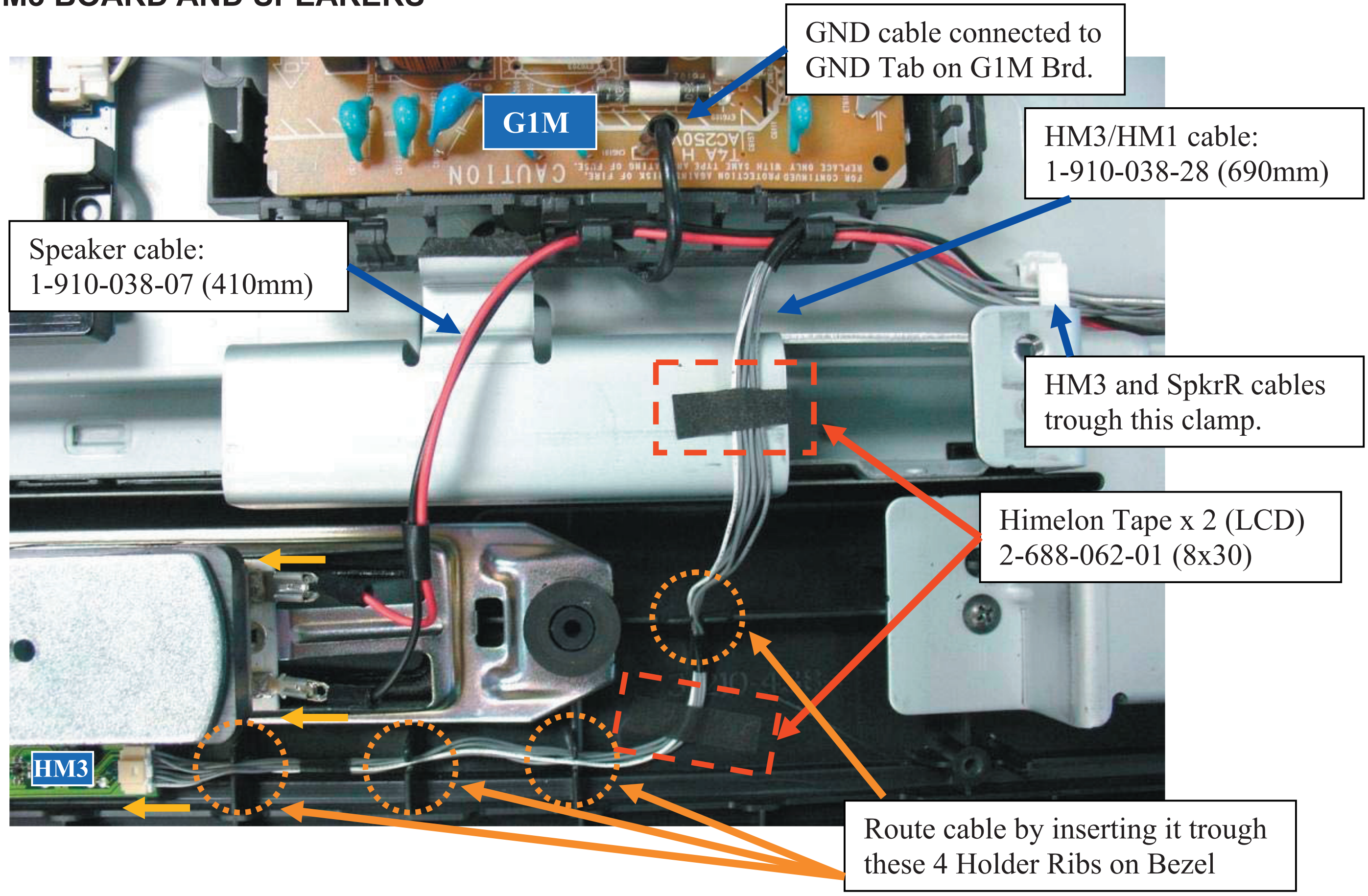
KDL-32M3000/32ML130 ONLY

LVDS CONNECTOR (CONTINUED)



Dress LVDS cable to have this route.

HM3 BOARD AND SPEAKERS



GND cable connected to GND Tab on G1M Brd.

HM3/HM1 cable:
1-910-038-28 (690mm)

Speaker cable:
1-910-038-07 (410mm)

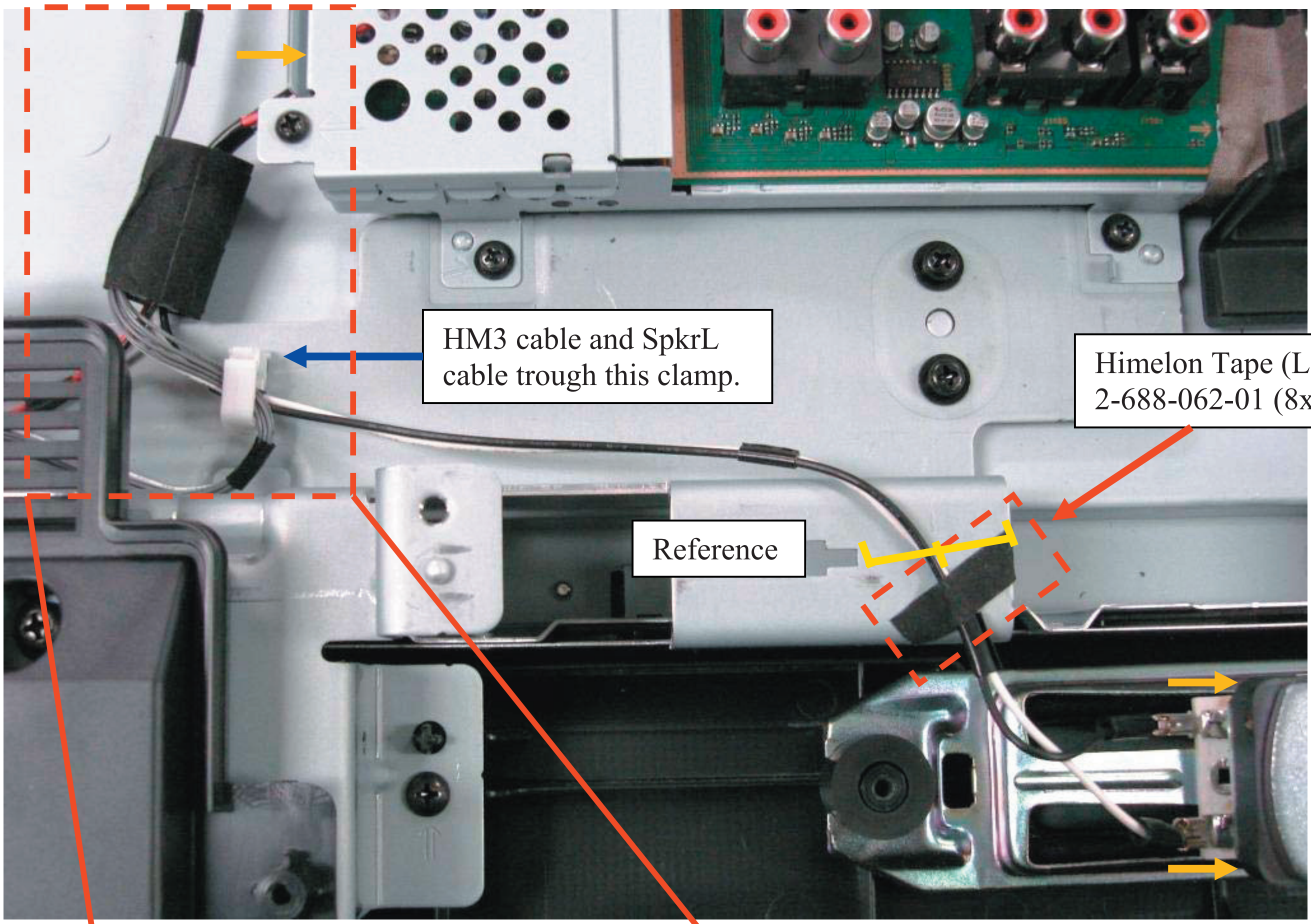
HM3 and SpkrR cables trough this clamp.

Himelon Tape x 2 (LCD)
2-688-062-01 (8x30)

Route cable by inserting it trough these 4 Holder Ribs on Bezel

KDL-32M3000/32ML130 ONLY

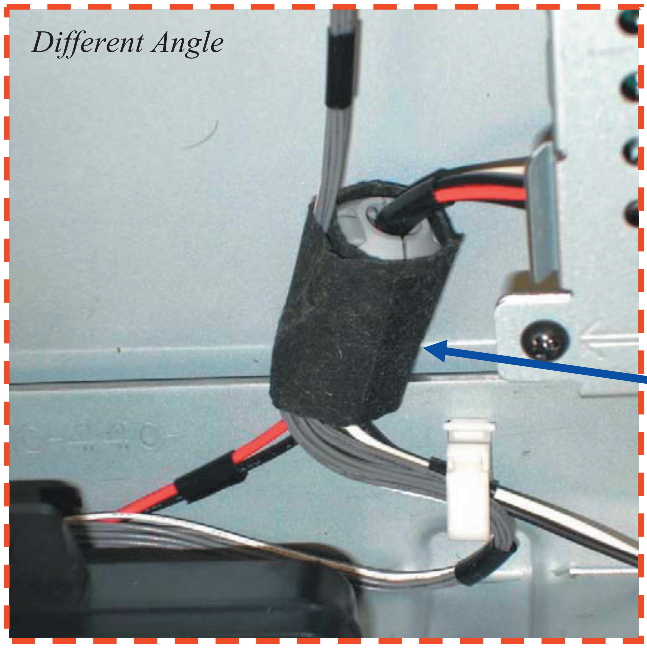
HM3 BOARD AND SPEAKERS (CONTINUED)



HM3 cable and SpkrL cable trough this clamp.

Himelon Tape (LCD)
2-688-062-01 (8x30)

Reference

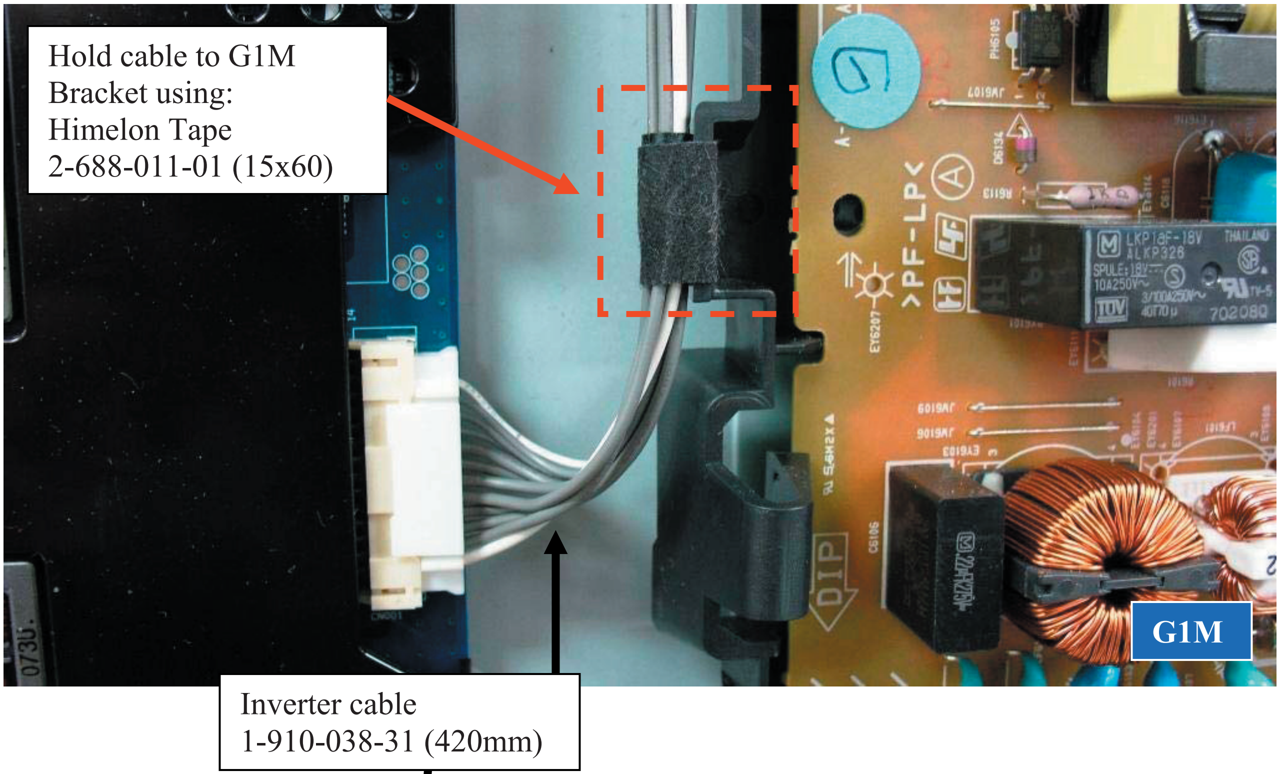


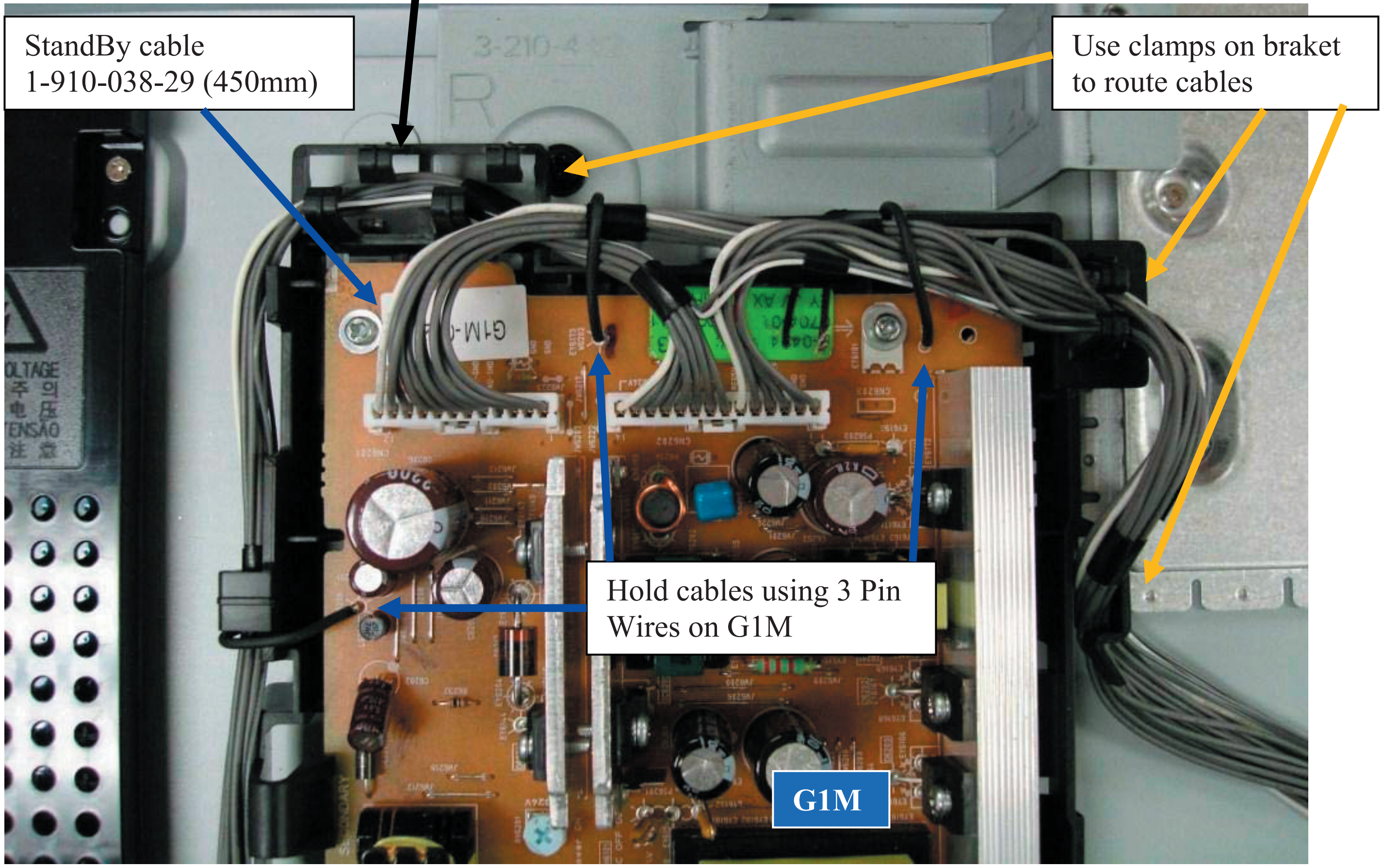
Ferrite Core (146908911)
ZCAT 1730-0730

Completely cover Ferrite and grab the HM3 cable using:
Himelon Core Sheet (A)
2-688-014-01

KDL-32M3000/32ML130 ONLY

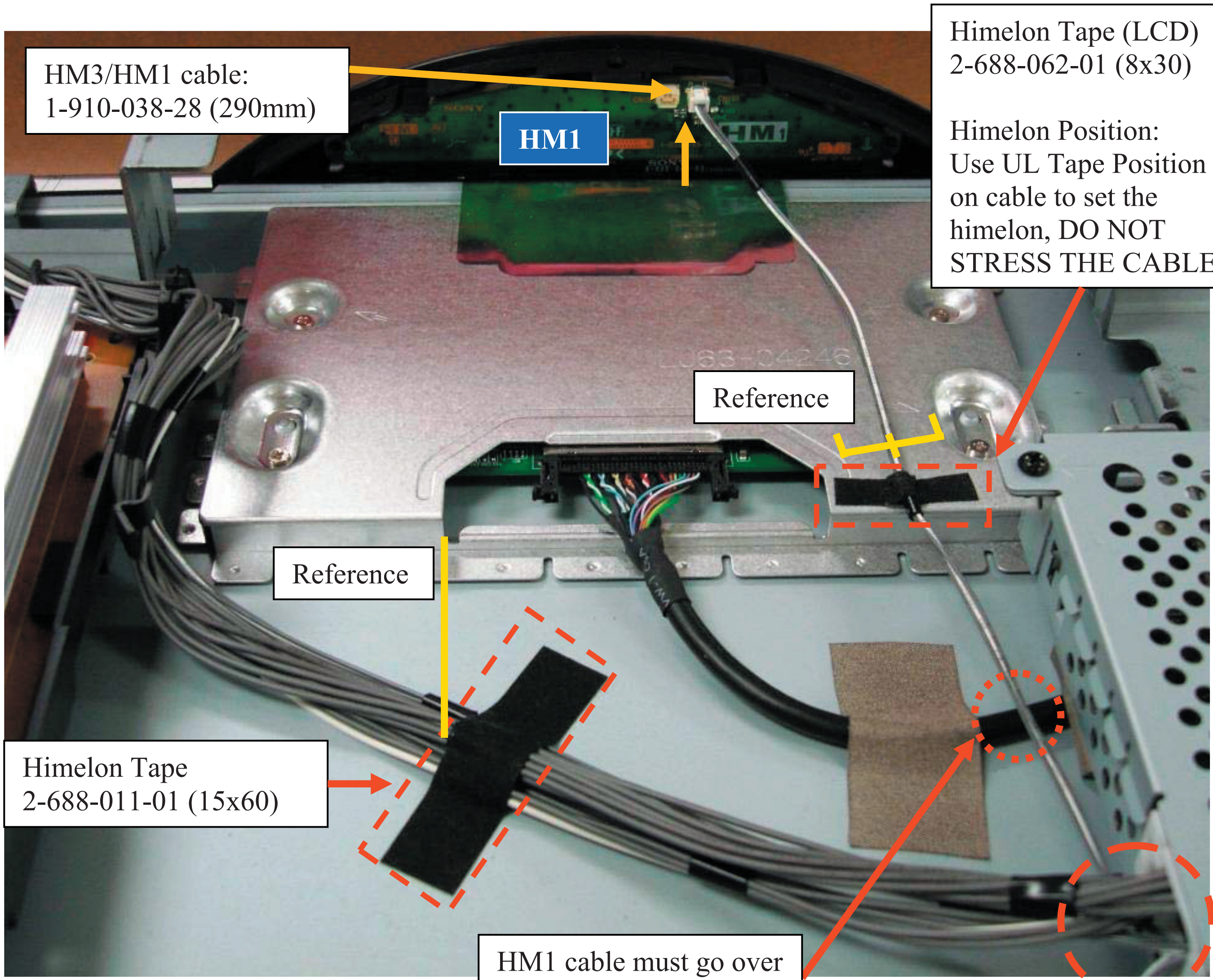
INVERTER BOARD CONNECTORS


Hold cable to G1M
Bracket using:
Himelon Tape
2-688-011-01 (15x60)
G1M
Inverter cable
1-910-038-31 (420mm)


StandBy cable
1-910-038-29 (450mm)
Use clamps on braket
to route cables
Hold cables using 3 Pin
Wires on G1M
G1M

KDL-32M3000/32ML130 ONLY

HDMI CONNECTORS



HM3/HM1 cable:
1-910-038-28 (290mm)

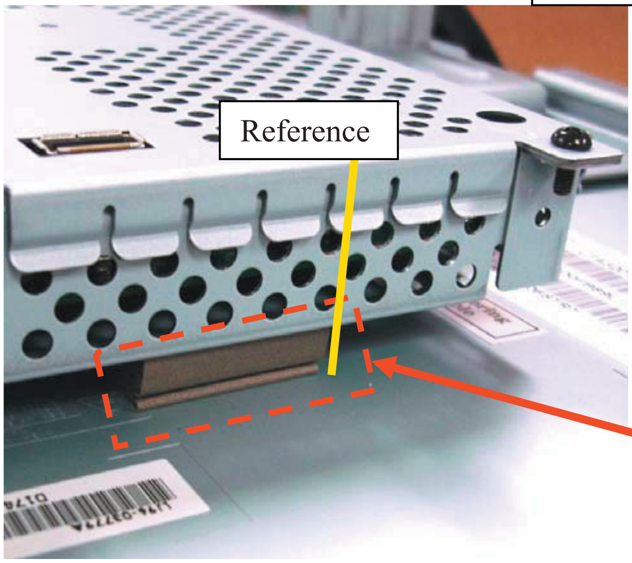
Himelon Tape (LCD)
2-688-062-01 (8x30)

Himelon Position:
Use UL Tape Position on cable to set the himelon, DO NOT STRESS THE CABLE

Himelon Tape
2-688-011-01 (15x60)

HM1 cable must go over LVDS cable

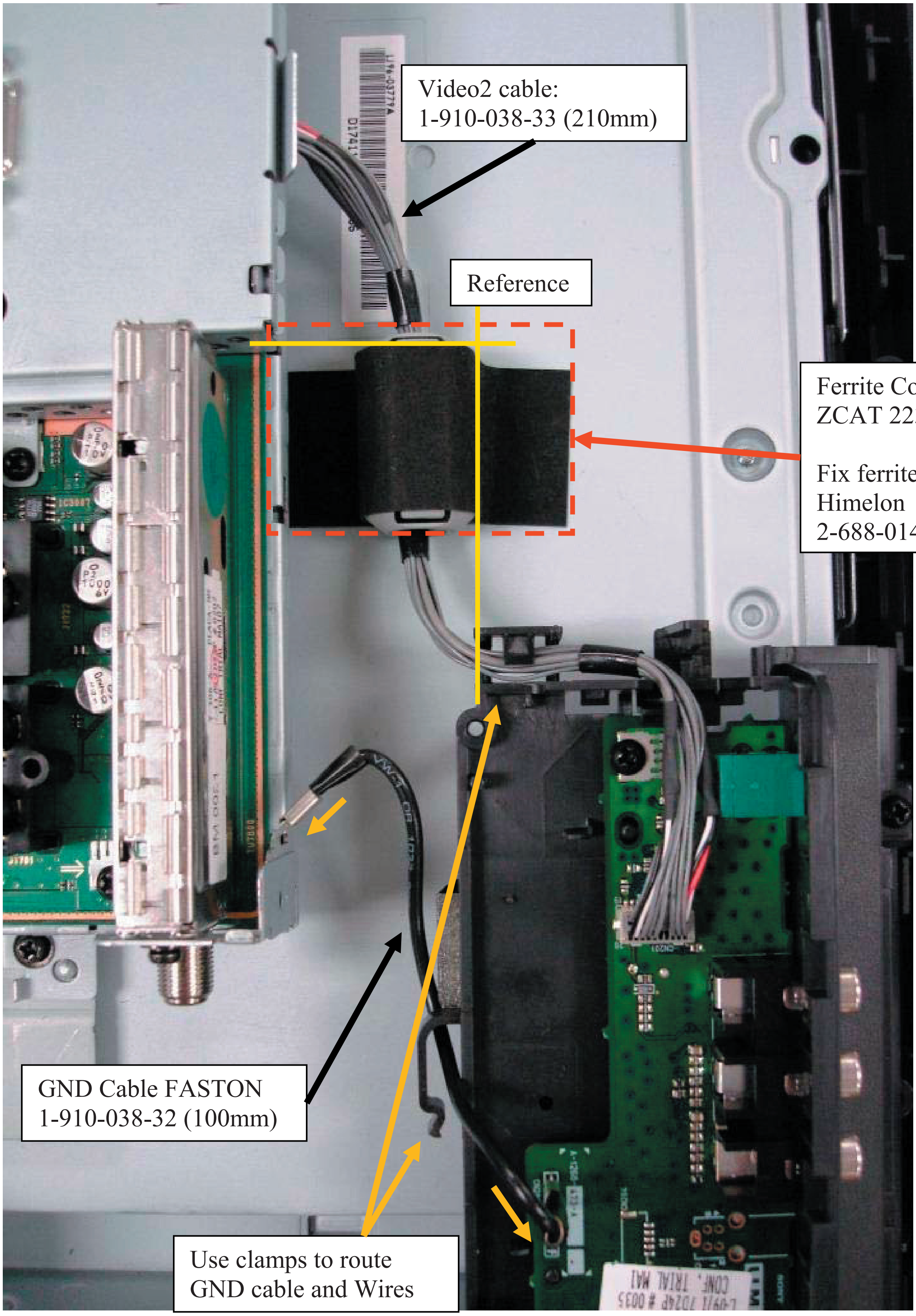
HM1 cable must go under these wires.



EMI Gasket on BM Bottom Shield:
GASKET 30x12
2-676-705-01

KDL-32M3000/32ML130 ONLY

VIDEO CONNECTORS AND GROUND CABLE



Video2 cable:
1-910-038-33 (210mm)

Reference

Ferrite Core (140005211)
ZCAT 2235-1030

Fix ferrite to panel using:
Himelon Core Sheet (A)
2-688-014-01

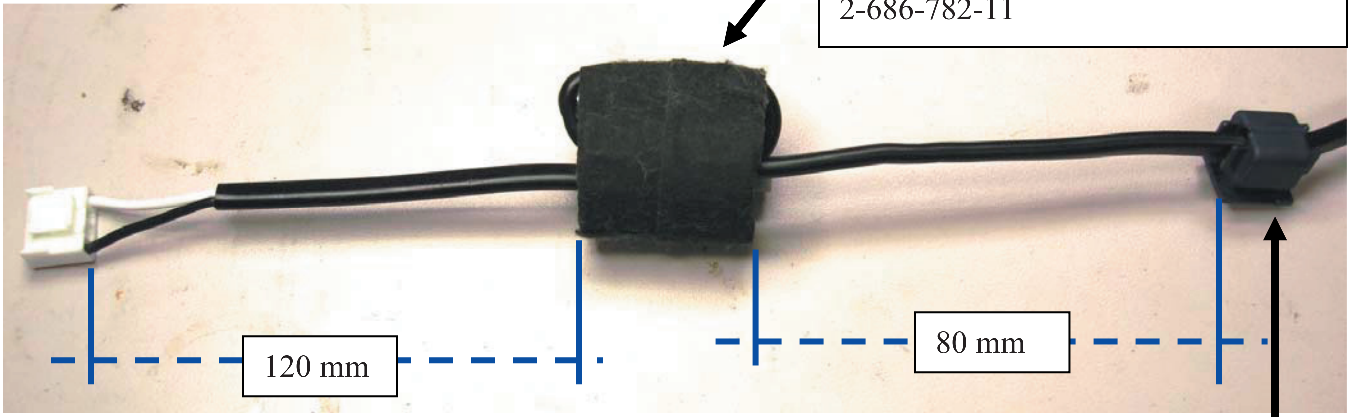
GND Cable FASTON
1-910-038-32 (100mm)

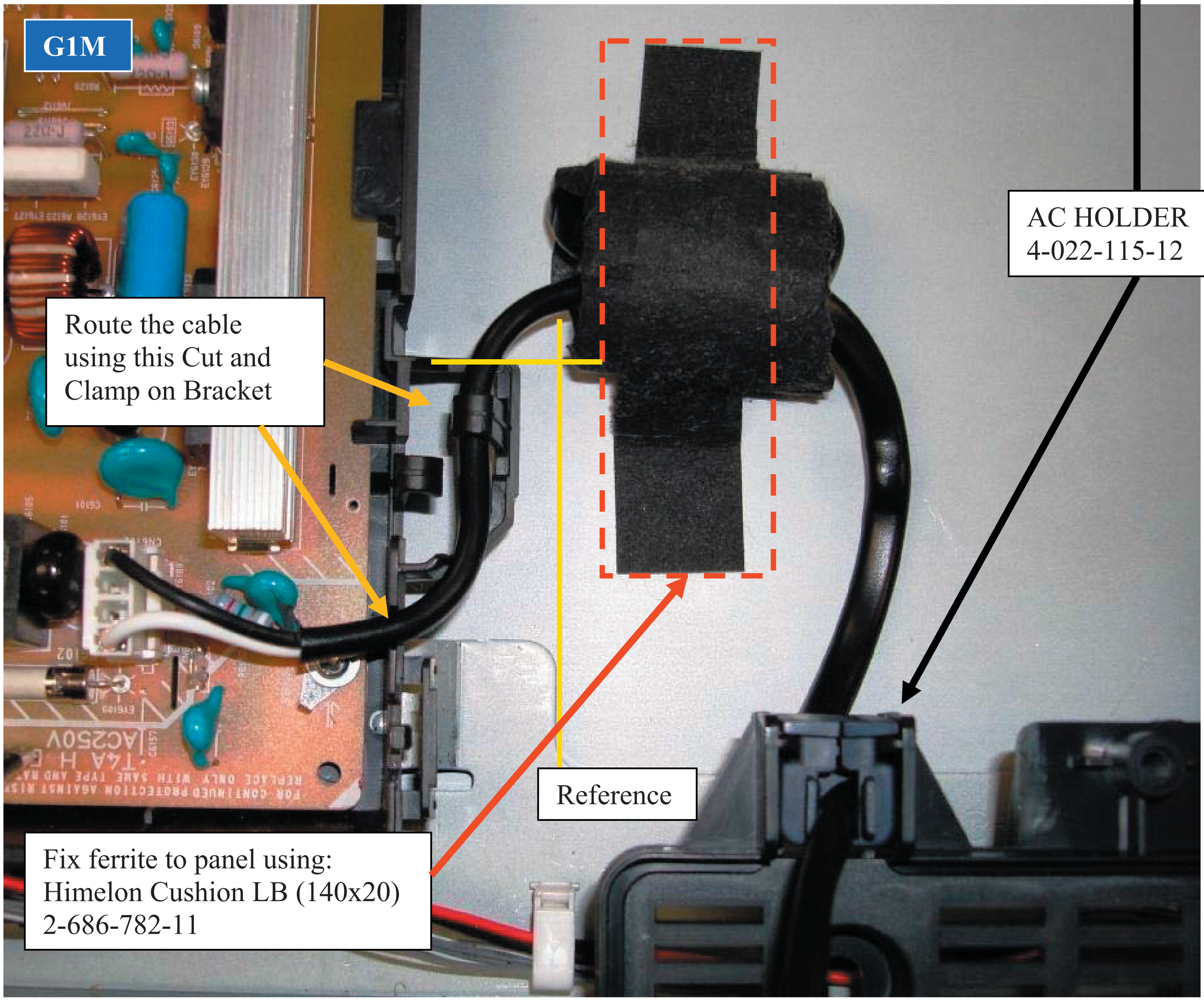
Use clamps to route
GND cable and Wires

KDL-32M3000/32ML130 ONLY

AC CORD CONNECTOR

Ferrite Core (150002111)
ZCAT 3035-1330
Completely cover Ferrite using:
Himelon Cushion LB x 2 (140x20)
2-686-782-11





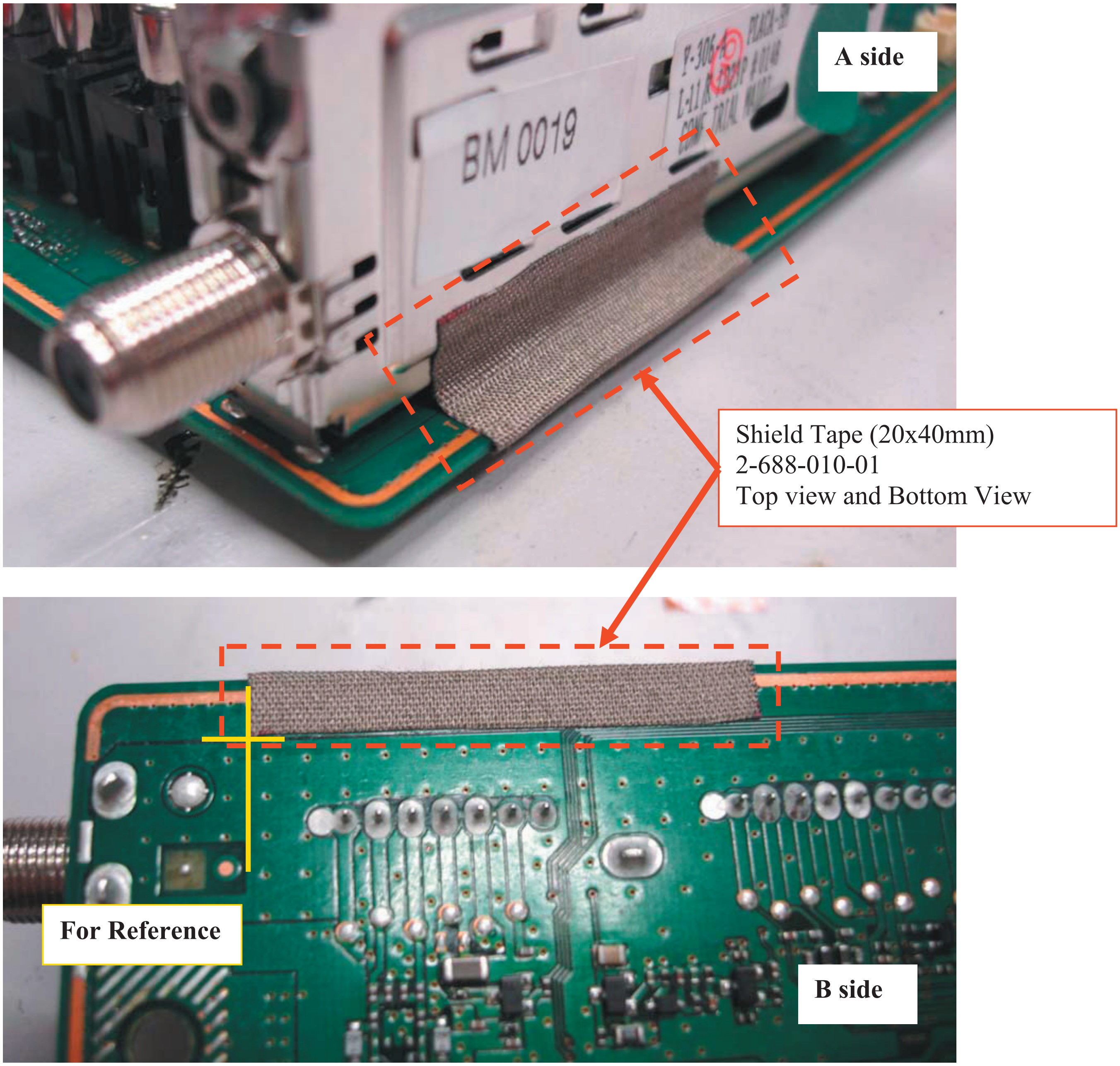
AC HOLDER
4-022-115-12

Route the cable
using this Cut and
Clamp on Bracket

Fix ferrite to panel using:
Himelon Cushion LB (140x20)
2-686-782-11

KDL-32M3000/32ML130 ONLY

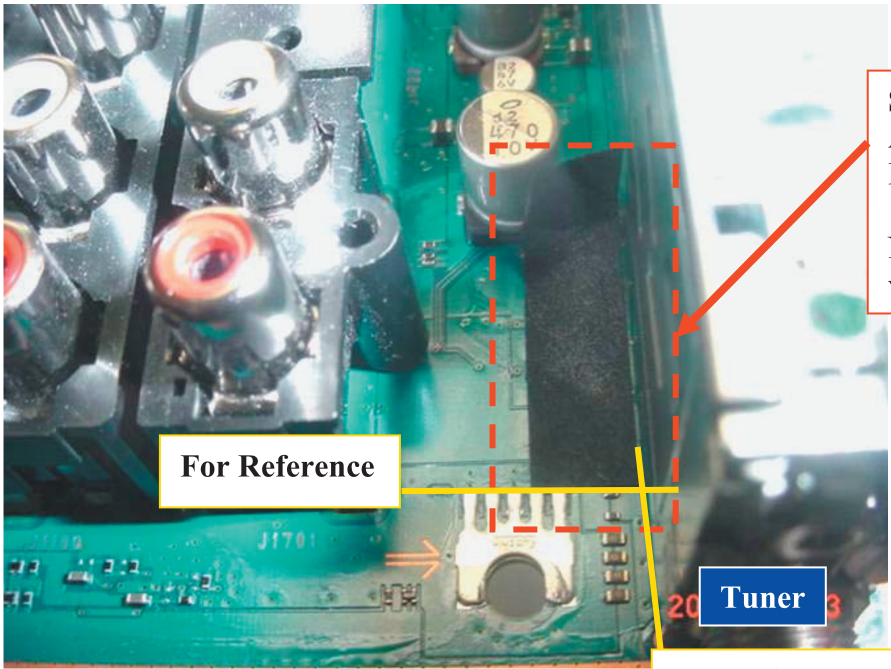
SHIELD TAPE PLACEMENT


A side
BM 0019
For Reference
B side

Shield Tape (20x40mm)
2-688-010-01
Top view and Bottom View

KDL-32M3000/32ML130 ONLY

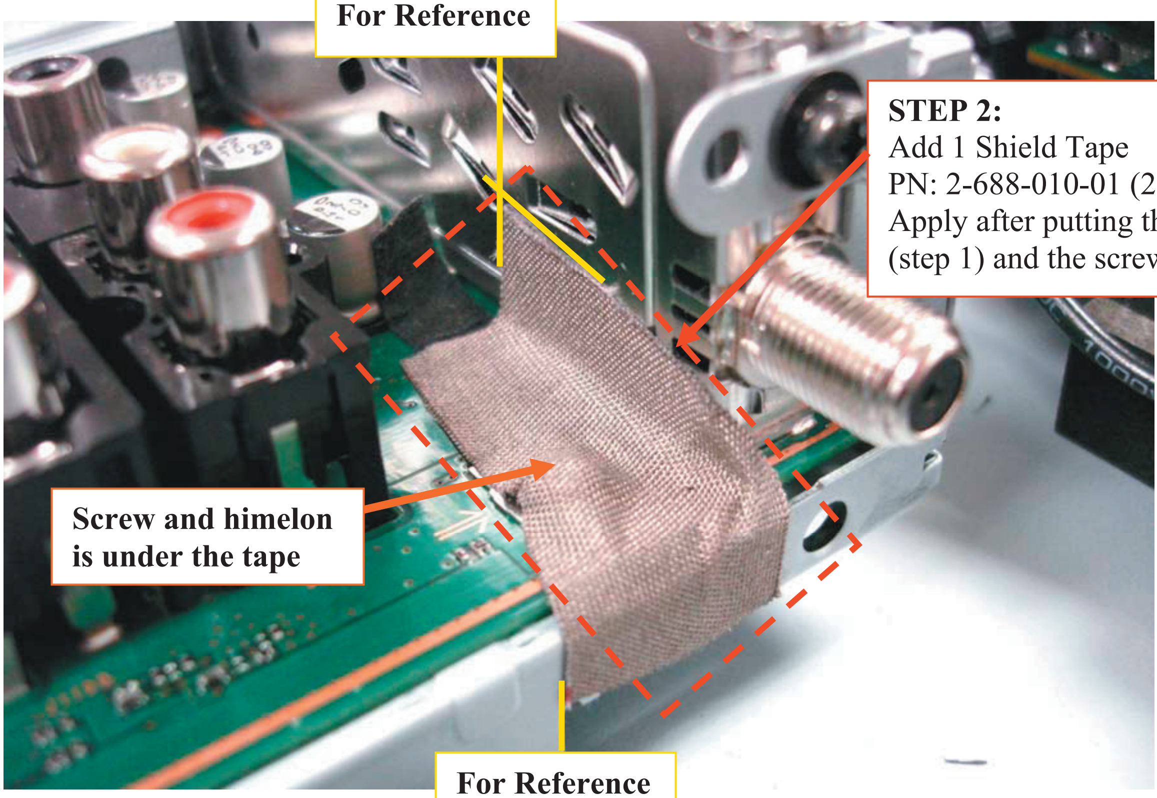
SHIELD TAPE PLACEMENT (CONTINUED)


For Reference
Tuner
J1701

STEP 1:
Add 1 Himelon Tape (LCD)
PN: 2-688-062-01 (8x30mm)

Note: R7853 should be covered with himelon.

For Reference: Edge of Tuner

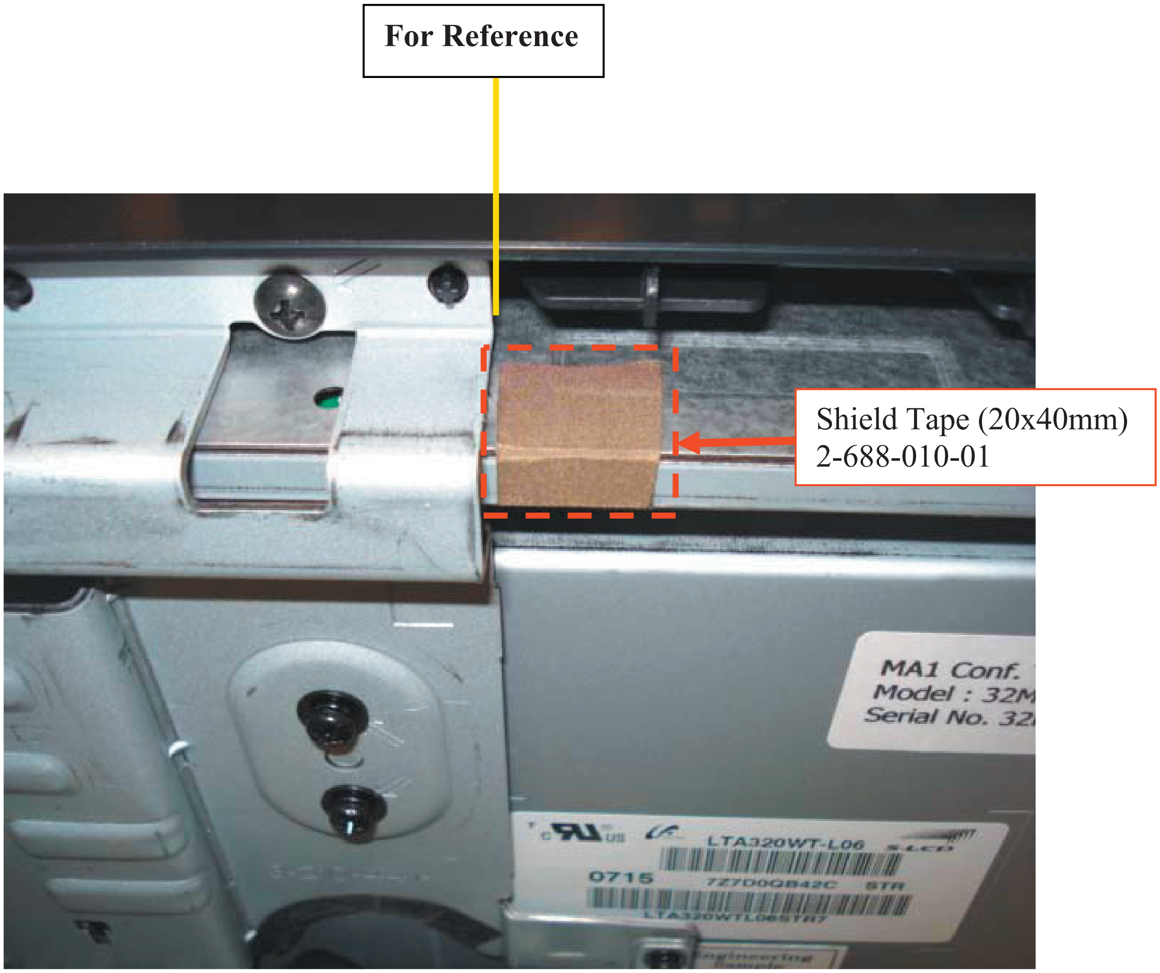

For Reference
For Reference

STEP 2:
Add 1 Shield Tape
PN: 2-688-010-01 (20x40mm)
Apply after putting the himelon (step 1) and the screw.

Screw and himelon is under the tape

KDL-32M3000/32ML130 ONLY

SHIELD TAPE PLACEMENT (CONTINUED)


For Reference
Shield Tape (20x40mm)
2-688-010-01

SECTION 2: SERVICE ADJUSTMENTS

2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

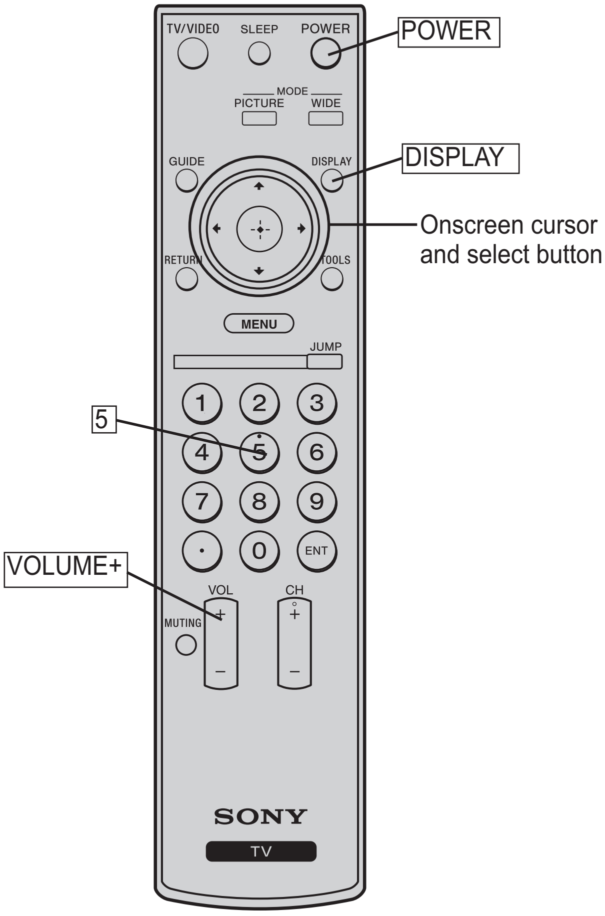
Equipment Needed:

- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- ✓ Digital multimeter

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. To display the service menu, press the following buttons on the Remote Commander within a second of each other:

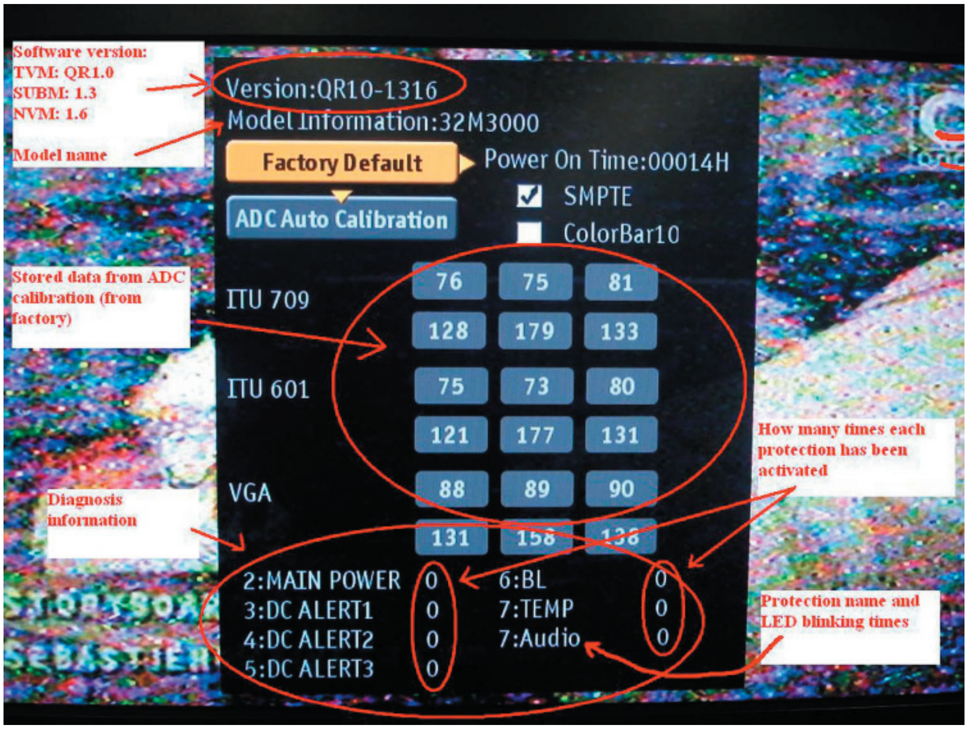
   DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER.


POWER
DISPLAY
Onscreen cursor and select button
5
VOLUME+
TV/VIDEO
SLEEP
POWER
MODE
PICTURE
WIDE
GUIDE
DISPLAY
RETURN
TOOLS
MENU
JUMP
1
2
3
4
5
6
7
8
9
•
0
ENT
VOL
CH
MUTING
+
–
+
–
SONY
TV

RM-YD021

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.



Software version:
TVM: QR1.0
SUBM: 1.3
NVM: 1.6

Model name

Version:QR10-1316
Model Information:32M3000
Power On Time:00014H
☑ SMPTE
☐ ColorBar10

Stored data from ADC calibration (from factory)

ITU 709	76	75	81
	128	179	133
ITU 601	75	73	80
	121	177	131
VGA	88	89	90
	131	158	138

Diagnosis information

2:MAIN POWER	0	6:BL	0
3:DC ALERT1	0	7:TEMP	0
4:DC ALERT2	0	7:Audio	0
5:DC ALERT3	0		

How many times each protection has been activated

Protection name and LED blinking times

Sample Service Menu

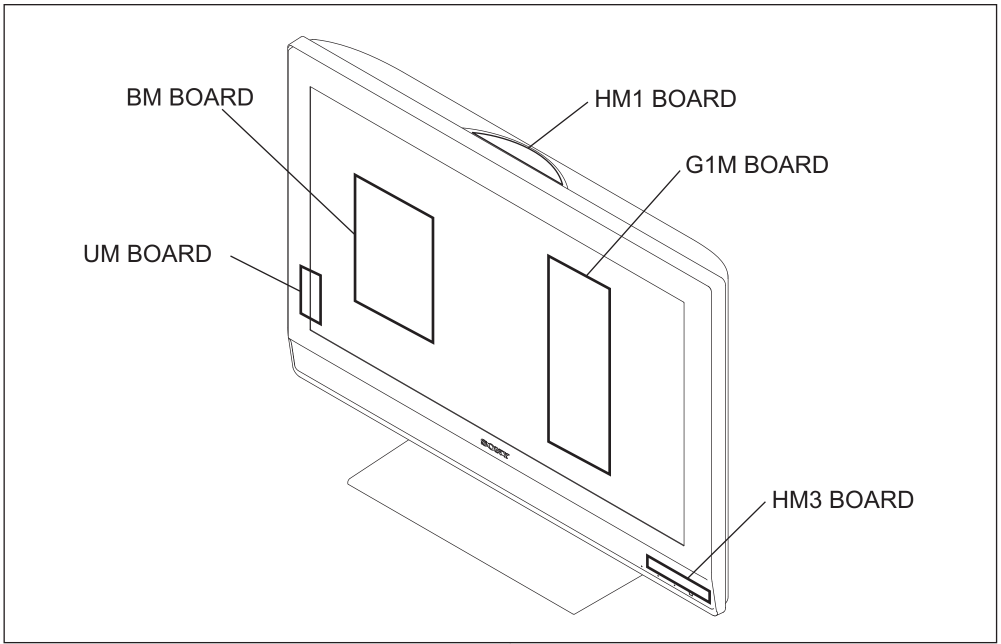
2-4. RESETTING TO FACTORY DEFAULTS

The following instructions restore the User Controls and Channel Memory settings to the preset factory conditions.

1. In Service Mode to select **Factory Default** press ⊕, then to select **Yes** press ⊕.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: **Pitch : 5mm**
Rating electrical power : $^{1}/_{4}$ W

$^{1}/_{4}$ W in resistance, $^{1}/_{10}$ W and $^{1}/_{16}$ W in chip resistance.

⊣▭⊢ : nonflammable resistor

⊣▭⊢ : fusible resistor

Δ : internal component

▭ : panel designation and adjustment for repair

⊥ : earth ground

⏚ : earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

▬ : B+line.

▬ ▬ : B-line. (Actual measured value may be different).

⇨: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol ▮▭ indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole ▮▭ indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ※	ADJUSTMENT RESISTOR

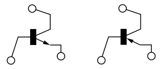
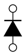
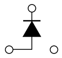
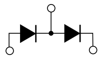
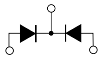
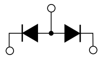
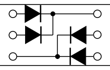
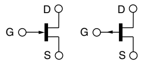
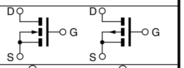
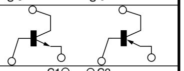
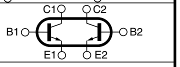
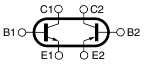
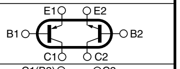
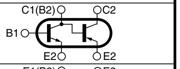
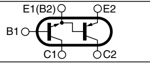
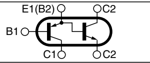
COIL

: LF-8L	MICRO INDUCTOR

CAPACITOR

: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

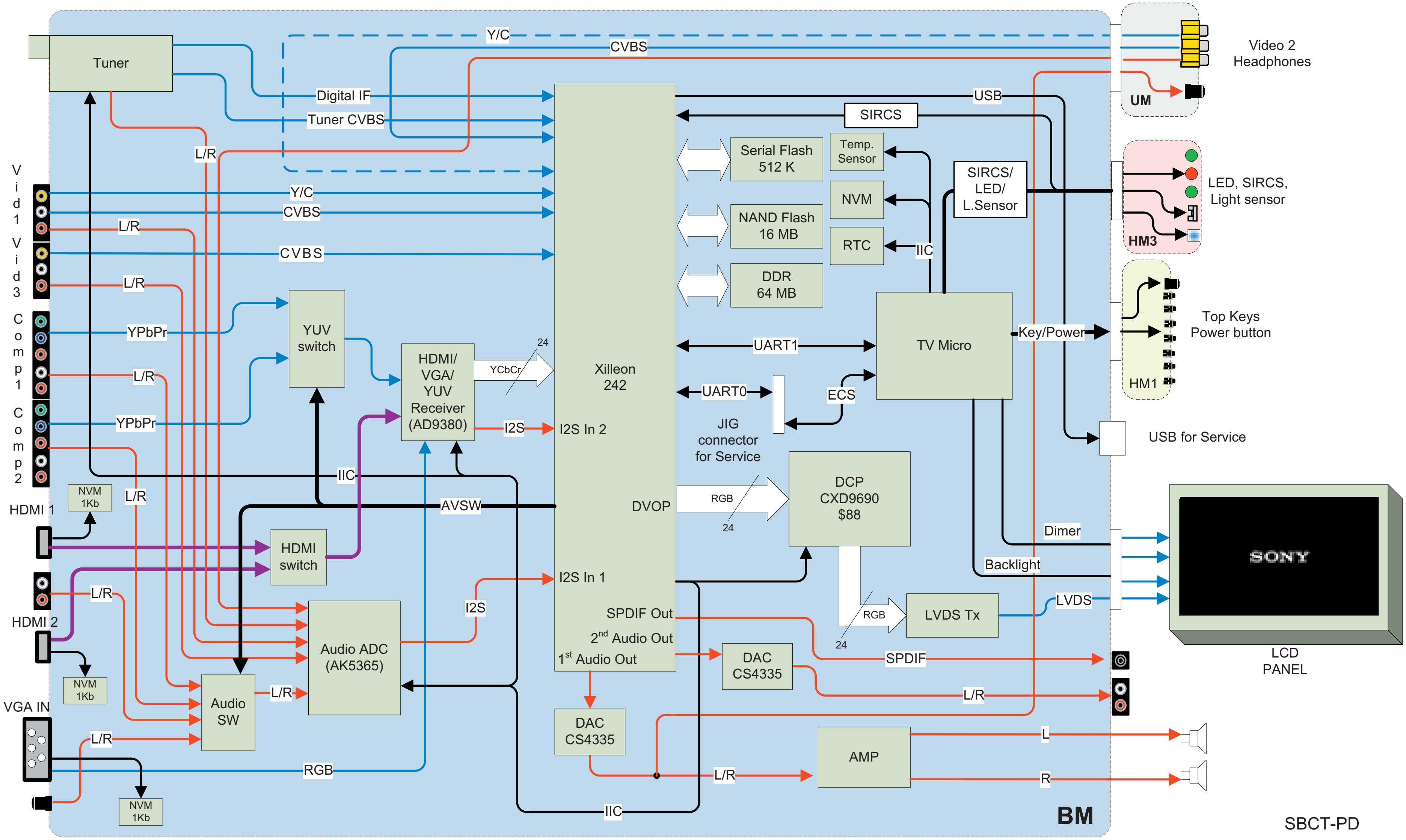
Terminal name of semiconductors in silk screen printed circuit (✻)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor	┳	Collector Base ┳ Emitter	
2	Transistor	▬	Collector ▬ Base Emitter	
3	Diode	╔╗	Cathode Anode	
4	Diode	┳	Cathode Anode ┳ (NC)	
5	Diode	▬	Cathode ▬ Anode (NC)	
6	Diode	┳	Common Anode ┳ Cathode	
7	Diode	▬	Common ▬ Anode Cathode	
8	Diode	┳	Common Anode ┳ Anode	
9	Diode	▬	Common ▬ Anode Anode	
0	Diode	┳	Common Cathode ┳ Cathode	
!¡	Diode	▬	Common ▬ Cathode Cathode	
!™	Diode	┃	Anode ┃ Cathode Anode ┃ Anode Cathode ┃ Anode	
!£	Transistor (FET)	┃	Drain ┃ Source Gate	
!¢	Transistor (FET)	┣	Drain ┣ Source Gate	
!?	Transistor (FET)	┃	▯ ┃ ☐ Source ☐ Drain ☐ Gate	
!§	Transistor	┃	▯ ┃ ☐ Emitter ☐ Collector ☐ Base	
!¶	Transistor	╪	C2 B1 E1 E2 B2 C1	
!•	Transistor	╪	C1 B2 E2 E1 B1 C2	
!ª	Transistor	▬	C1 B2 E2 E1 B1 C2	
@º	Transistor	▬	C1 B2 E2 E1 B1 C2	
@¡	Transistor	▬	E2 B1 E1 C2 C1(B2)	
@™	Transistor	▬	(B2) B1 E1 E2 C1 C2	
@£	Transistor	▬	(B2) E2 E1 B1 C2 C1	
–	Discrete semiconductot			

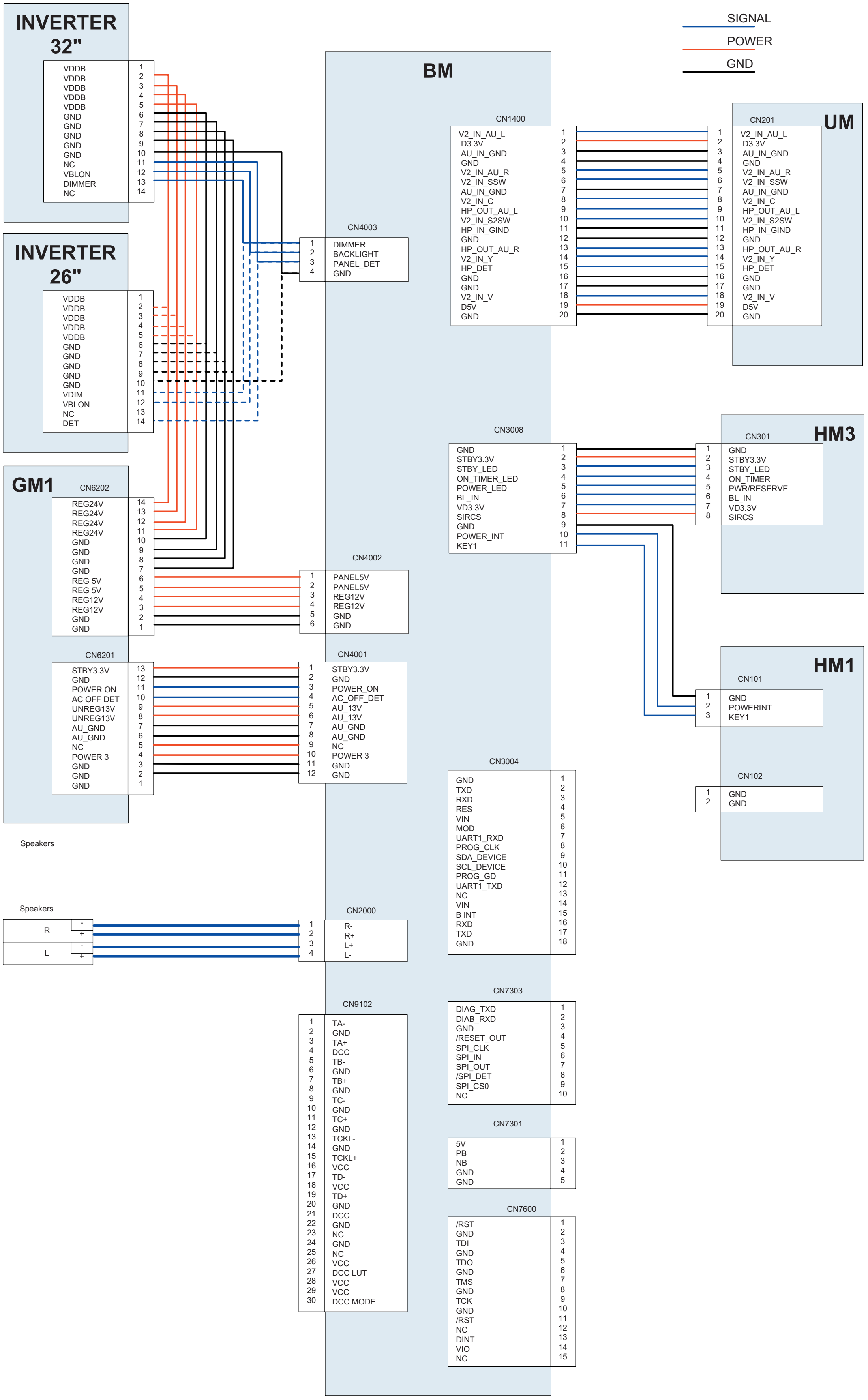
(Chip semiconductors that are not actually used are included.)

Ver.1.6

3-3. BLOCK DIAGRAM

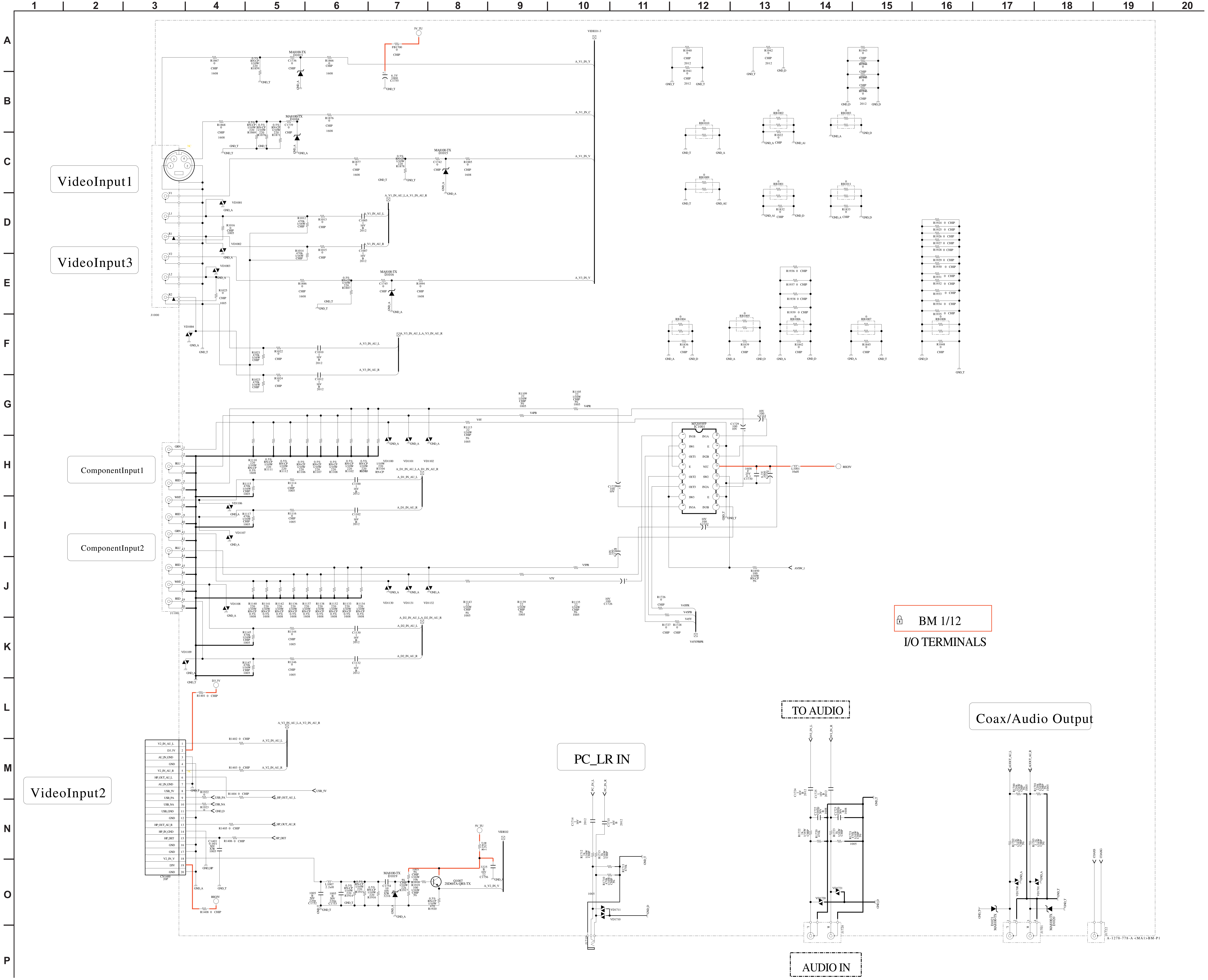

Tuner
Y/C
CVBS
Digital IF
Tuner CVBS
L/R
Video 2
Headphones
UM
USB
SIRCS
Serial Flash
512 K
Temp.
Sensor
NVM
NAND Flash
16 MB
RTC
IIC
DDR
64 MB
SIRCS/
LED/
L.Sensor
LED, SIRCS,
Light sensor
HM3
Vid 1
Vid 3
Comp 1
Comp 2
Y/C
CVBS
L/R
CVBS
L/R
YPbPr
L/R
YPbPr
L/R
YUV
switch
HDMI/
VGA/
YUV
Receiver
(AD9380)
YCbCr
24
Xilleon
242
I2S
I2S In 2
UART1
TV Micro
Key/Power
Top Keys
Power button
HM1
UART0
ECS
JIG
connector
for Service
USB for Service
IIC
NVM
1Kb
HDMI 1
AVSW
DVOP
RGB
24
DCP
CXD9690
$88
Dimer
Backlight
HDMI
switch
I2S In 1
HDMI 2
I2S
RGB
24
LVDS Tx
LVDS
SONY
LCD
PANEL
Audio ADC
(AK5365)
SPDIF Out
2nd Audio Out
1st Audio Out
DAC
CS4335
SPDIF
NVM
1Kb
Audio
SW
L/R
L/R
VGA IN
L/R
DAC
CS4335
L/R
AMP
L
R
RGB
NVM
1Kb
IIC
BM
SBCT-PD

3-4. CONNECTION DIAGRAM


SIGNAL
POWER
GND
INVERTER 32"
VDDB 1
VDDB 2
VDDB 3
VDDB 4
VDDB 5
GND 6
GND 7
GND 8
GND 9
GND 10
NC 11
VBLON 12
DIMMER 13
NC 14
INVERTER 26"
VDDB 1
VDDB 2
VDDB 3
VDDB 4
VDDB 5
GND 6
GND 7
GND 8
GND 9
GND 10
VDIM 11
VBLON 12
NC 13
DET 14
GM1
CN6202
REG24V 14
REG24V 13
REG24V 12
REG24V 11
GND 10
GND 9
GND 8
GND 7
REG 5V 6
REG 5V 5
REG12V 4
REG12V 3
GND 2
GND 1
CN6201
STBY3.3V 13
GND 12
POWER ON 11
AC OFF DET 10
UNREG13V 9
UNREG13V 8
AU_GND 7
AU_GND 6
NC 5
POWER 3 4
GND 3
GND 2
GND 1
Speakers
Speakers
R
L
-
+
-
+
BM
CN4003
1 DIMMER
2 BACKLIGHT
3 PANEL_DET
4 GND
CN4002
1 PANEL5V
2 PANEL5V
3 REG12V
4 REG12V
5 GND
6 GND
CN4001
1 STBY3.3V
2 GND
3 POWER_ON
4 AC_OFF_DET
5 AU_13V
6 AU_13V
7 AU_GND
8 AU_GND
9 NC
10 POWER 3
11 GND
12 GND
CN2000
1 R-
2 R+
3 L+
4 L-
CN9102
1 TA-
2 GND
3 TA+
4 DCC
5 TB-
6 GND
7 TB+
8 GND
9 TC-
10 GND
11 TC+
12 GND
13 TCKL-
14 GND
15 TCKL+
16 VCC
17 TD-
18 VCC
19 TD+
20 GND
21 DCC
22 GND
23 NC
24 GND
25 NC
26 VCC
27 DCC LUT
28 VCC
29 VCC
30 DCC MODE
CN1400
V2_IN_AU_L 1
D3.3V 2
AU_IN_GND 3
GND 4
V2_IN_AU_R 5
V2_IN_SSW 6
AU_IN_GND 7
V2_IN_C 8
HP_OUT_AU_L 9
V2_IN_S2SW 10
HP_IN_GIND 11
GND 12
HP_OUT_AU_R 13
V2_IN_Y 14
HP_DET 15
GND 16
GND 17
V2_IN_V 18
D5V 19
GND 20
CN3008
GND 1
STBY3.3V 2
STBY_LED 3
ON_TIMER_LED 4
POWER_LED 5
BL_IN 6
VD3.3V 7
SIRCS 8
GND 9
POWER_INT 10
KEY1 11
CN3004
GND 1
TXD 2
RXD 3
RES 4
VIN 5
MOD 6
UART1_RXD 7
PROG_CLK 8
SDA_DEVICE 9
SCL_DEVICE 10
PROG_GD 11
UART1_TXD 12
NC 13
VIN 14
B INT 15
RXD 16
TXD 17
GND 18
CN7303
DIAG_TXD 1
DIAB_RXD 2
GND 3
/RESET_OUT 4
SPI_CLK 5
SPI_IN 6
SPI_OUT 7
/SPI_DET 8
SPI_CS0 9
NC 10
CN7301
5V 1
PB 2
NB 3
GND 4
GND 5
CN7600
/RST 1
GND 2
TDI 3
GND 4
TDO 5
GND 6
TMS 7
GND 8
TCK 9
GND 10
/RST 11
NC 12
DINT 13
VIO 14
NC 15
UM
CN201
1 V2_IN_AU_L
2 D3.3V
3 AU_IN_GND
4 GND
5 V2_IN_AU_R
6 V2_IN_SSW
7 AU_IN_GND
8 V2_IN_C
9 HP_OUT_AU_L
10 V2_IN_S2SW
11 HP_IN_GIND
12 GND
13 HP_OUT_AU_R
14 V2_IN_Y
15 HP_DET
16 GND
17 GND
18 V2_IN_V
19 D5V
20 GND
HM3
CN301
1 GND
2 STBY3.3V
3 STBY_LED
4 ON_TIMER
5 PWR/RESERVE
6 BL_IN
7 VD3.3V
8 SIRCS
HM1
CN101
1 GND
2 POWERINT
3 KEY1
CN102
1 GND
2 GND

3-5. SCHEMATICS AND SUPPORTING INFORMATION

BM BOARD SCHEMATIC DIAGRAM (1 OF 12)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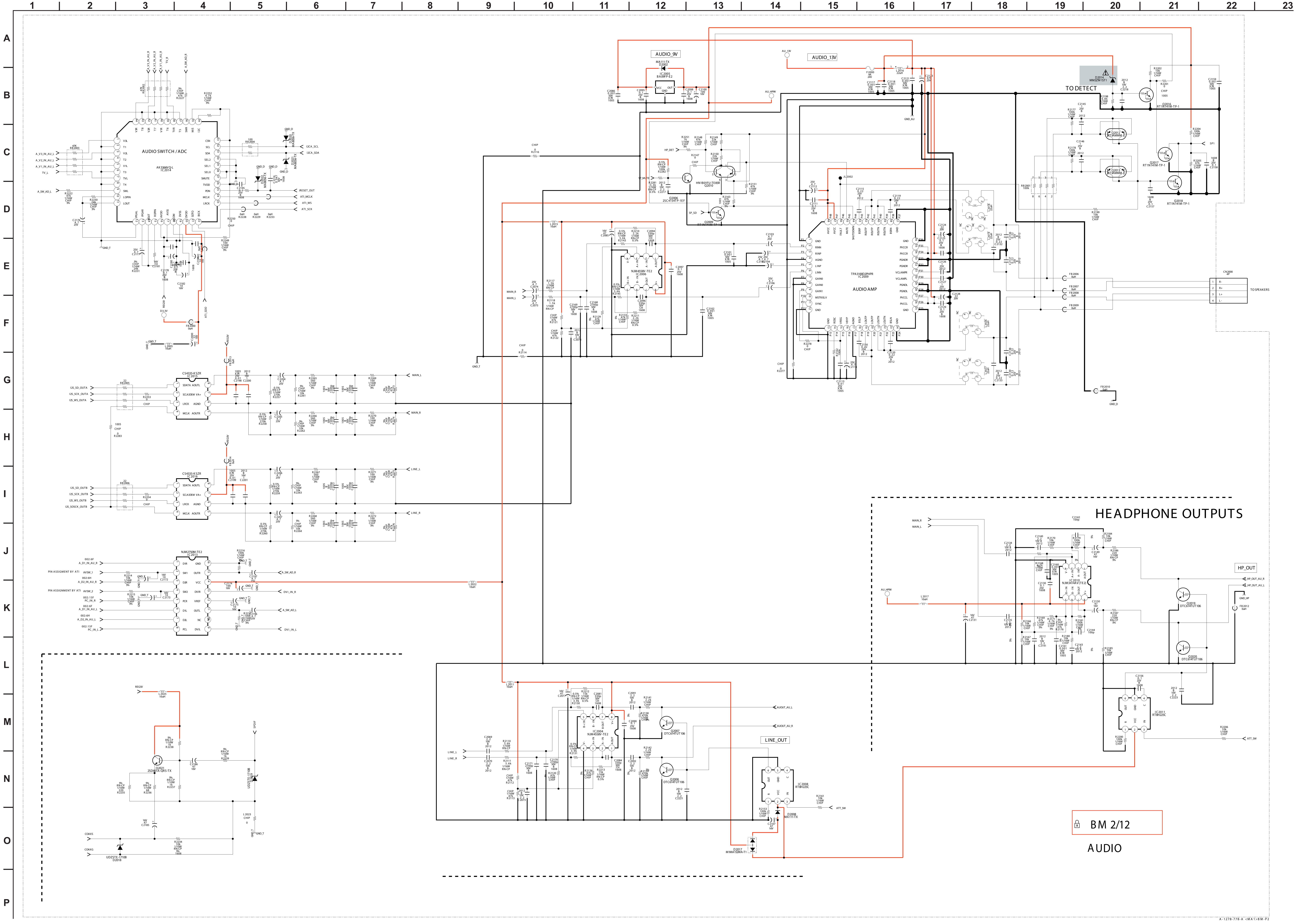
20
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
VideoInput1
VideoInput3
ComponentInput1
ComponentInput2
VideoInput2
PC_LR IN
TO AUDIO
AUDIO IN
Coax/Audio Output
BM 1/12
I/O TERMINALS

BM BOARD SCHEMATIC DIAGRAM (2 OF 12)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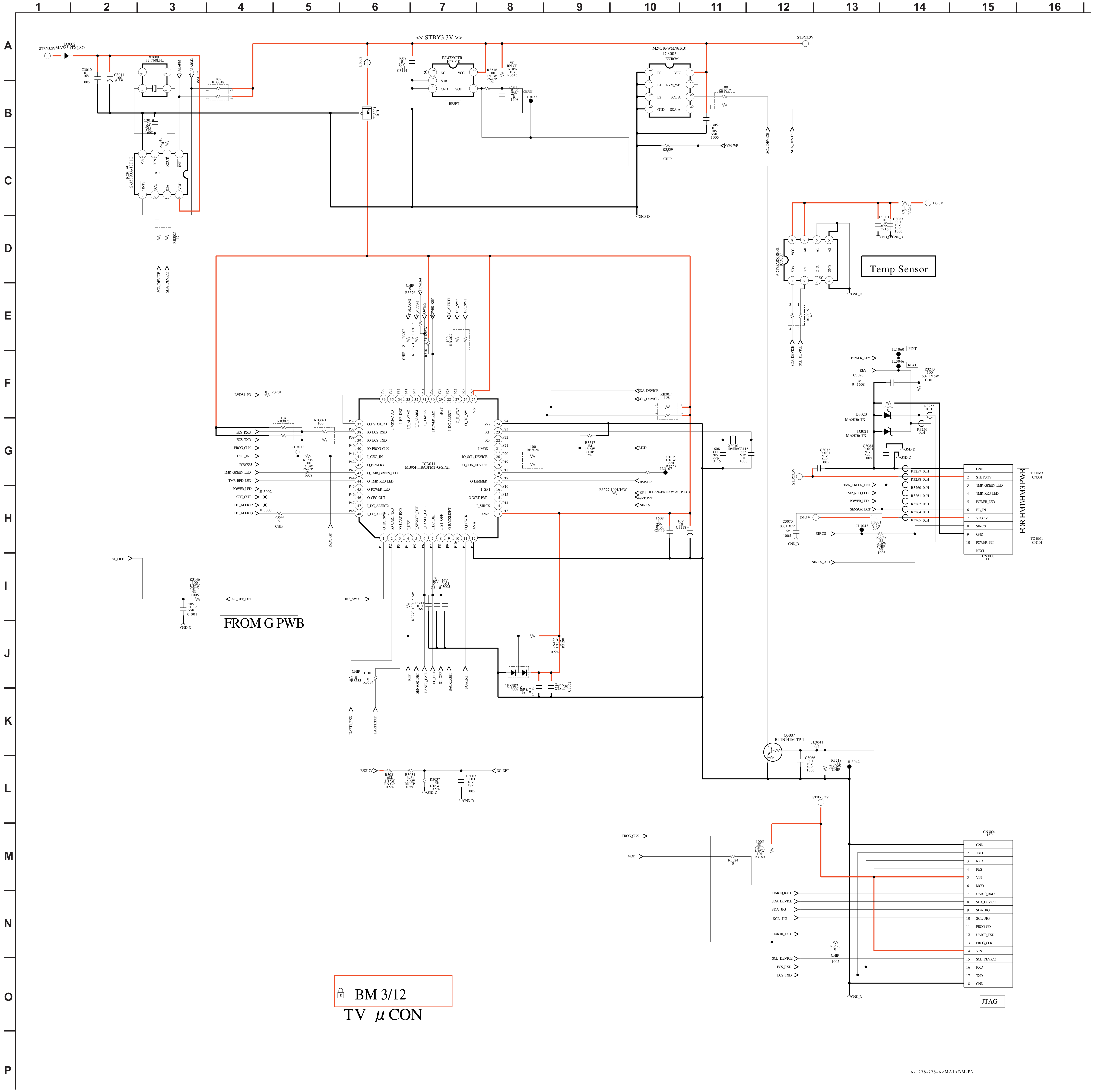
20
21
22
23
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
AUDIO SWITCH / ADC
AK5366VQ-L
IC2014
AUDIO_9V
AUDIO_13V
TO DETECT
TPA3100D2PHPR
IC2009
AUDIO AMP
TO SPEAKERS
NJM4558V-TE2
CS4330-KSZR
NJM2750M-TE2
HEADPHONE OUTPUTS
HP_OUT
LINE_OUT
BM 2/12
AUDIO

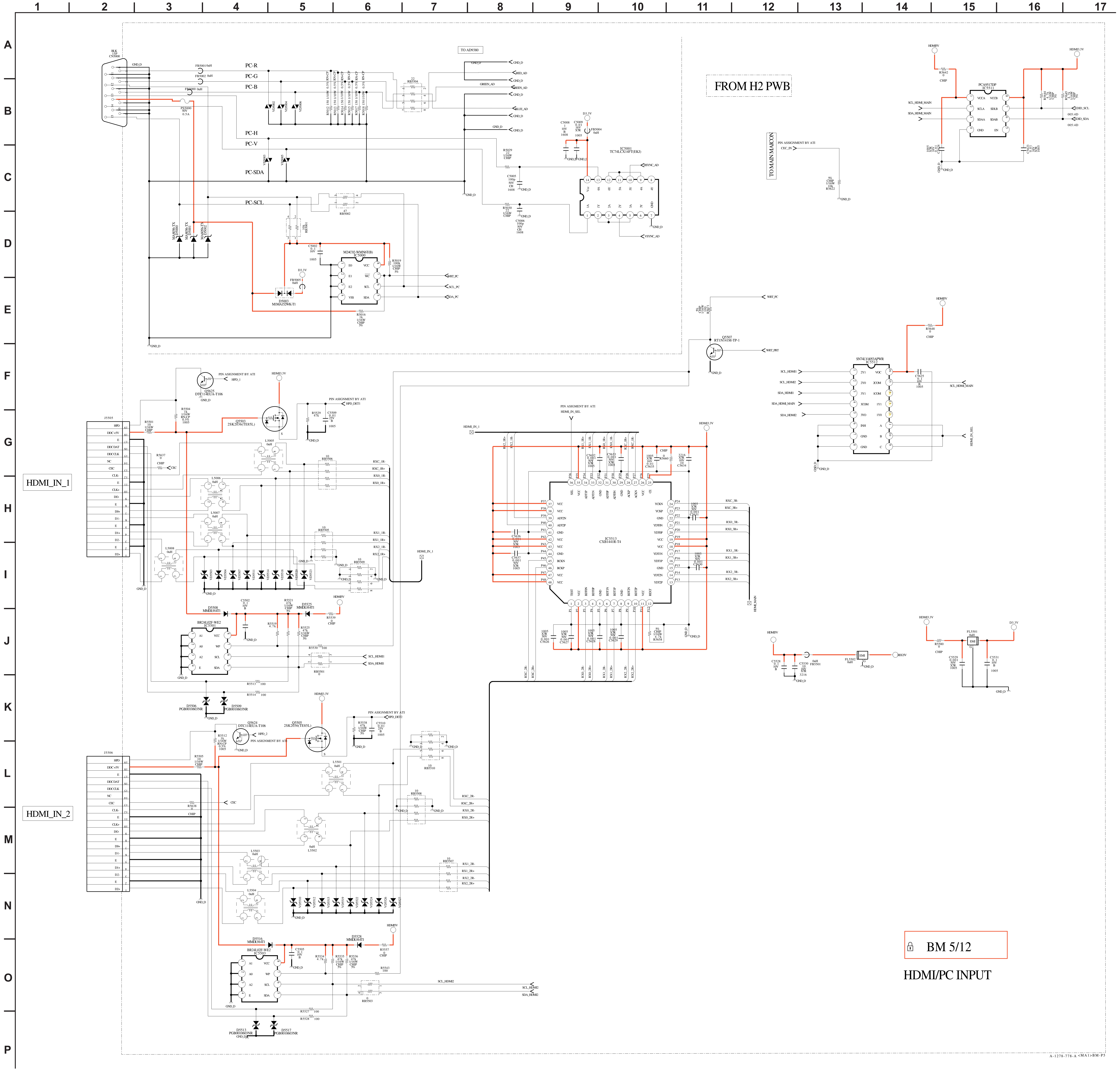
BM BOARD SCHEMATIC DIAGRAM (3 OF 12)


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
A B C D E F G H I J K L M N O P
<< STBY3.3V >>
STBY3.3V
D3002 MA785-(TX),SO
C3010 0.1 16V 1005
C3011 100 6.3V
X3009 32.768kHz
T_ALARM
T_ALARM2
RB3018 10k
C3019 7p 50V CH 1608
R3010 0
IC3009 S-35390A-J8T1G
RTC
VSS XIN XOUT INT1 INT2 SCL SDA VDD
RB3026 47
SCL_DEVICE
SDA_DEVICE
L3002
FL3001 0uH
BD4729GTR IC3010
NC SUB GND VOUT VCC
RESET
C3114 0.1 16V B 1608
R3516 100 1/10W RN-CP 5%
R3515 10k 1/10W RN-CP 5%
C3113 0.01 25V B 1608
JL3033
M24C16-WMN6T(B) IC3005 EEPROM
E0 E1 E2 GND VCC NVM_WP SCL_A SDA_A
RB3017 100
C3057 0.1 10V X7R 1005
R3539 0 CHIP
NVM_WP
GND_D
D3.3V
R3247 0 CHIP
C3081 10 10V X7R 3216
C3083 0.1 10V X7R 1005
ADT75ARZ-REEL IC3007
VCC A0 A1 A2 SDA SCL O.S. GND NC
RB3015 47
Temp Sensor
R3526 0 CHIP
POWER4
T_ALARM2 T_ALARM POWER2 POWER_KEY DC_ALERT1 IIC_SW2 IIC_SW1
R3073 R3087 R3101 3.3k 1/16W
RB3027 100
LVDS1_PD
R3201 0
ECS_RXD
ECS_TXD
PROG_CLK
CEC_IN
POWER3
TMR_GREEN_LED
TMR_RED_LED
POWER_LED
CEC_OUT
DC_ALERT2
DC_ALERT3
RB3025 10k
RB3021 100
JL3072
R3519 100 1/10W RN-CP 5% 1608
JL3002
JL3003
R3541 0 CHIP
PROG_GD
IC3011 MB95F118ASPMT-G-SPE1
O_LVDS1_PD IO_ECS_RXD IO_ECS_TXD IO_PROG_CLK I_CEC_IN O_POWER3 O_TMR_GREEN_LED O_TMR_RED_LED O_POWER_LED O_CEC_OUT I_DC_ALERT2 I_DC_ALERT3
I_VSYNC_AD I_HP_DET I_T_ALARM2 I_T_ALARM O_POWER2 I_POWER_KEY /RST I_DC_ALERT1 O_II_SW2 O_IIC_SW1 Vcc
Vss X1 X0 I_MOD IO_SCL_DEVICE IO_SDA_DEVICE O_DIMMER I_SP1 O_WRT_PRT I_SIRCS AVcc
O_IIC_SW3 IO_UART_TXD IO_UART_RXD I_KEY I_SENSOR_DET I_PANEL_FAIL I_DC_DET I_S1_OFF O_BACKLIGHT O_POWER1 AVss
SDA_DEVICE
SCL_DEVICE
RB3014 10k
RB3024 100
R3517 1M 1/16W CHIP 5%
MOD
X3010 10MHz
C3115 22p 50V CH 1608
C3116 22p 50V CH 1608
R3223 220 1/16W CHIP
JL3107
DIMMER
R3527 1001/16W
SP1 (CHANGED FROM AU_PROT)
WRT_PRT
SIRCS
C3119 0.01 25V B 1608
C3118 10 16V
S1_OFF
R3146 100 1/16W CHIP 5% 1005
AC_OFF_DET
C3112 0.001 50V X7R
IIC_SW3
C3110 0.1 10V B
C3005 0.01 16V
C3006 0.01 16V
R3270 100 1/16W
FROM G PWB
UART0_RXD
UART0_TXD
KEY SENSOR_DET PANEL_FAIL DC_DET S1_OFF BACKLIGHT POWER1
1PS302 D3007
BM 3/12
TV µCON
Q3007 RT1N141M-TP-1
JL3041
JL3042
C3066 0.1 10V X7R 1005
R3218 CHIP
REG12V
R3031
R3034
R3037
C3007
DC_DET
POWER_KEY
JL1060 PINT
KEY
JL3046 KEY1
C3076 1 10V B 1608
R3243 100 5% 1/16W CHIP
R3267 0
R3255 0uH
R3256 0uH
D3020 MA8056-TX
D3021 MA8056-TX
C3072 0.001 50V X7R 1005
C3084 0.001 50V X7R 1005
R3257 0uH R3258 0uH R3260 0uH R3261 0uH R3262 0uH R3264 0uH R3265 0uH
SENSOR_DET
C3070 0.01 X7R 16V 1005
F3001 0.5A 50V
JL3043
R3249 33 1/16W CHIP 5% 1005
SIRCS_AT1
CN3008 11P
1 GND
2 STBY3.3V
3 TMR_GREEN_LED
4 TMR_RED_LED
5 POWER_LED
6 BL_IN
7 VD3.3V
8 SIRCS
9 GND
10 POWER_INT
11 KEY1
FOR HM1\HM3 PWB
TO HM3 CN301
TO HM1 CN101
R3524 0
R3180 10k 1/16W CHIP 5% 1005
SDA_JIG
SCL_JIG
R3528 0 CHIP 1005
CN3004 18P
1 GND
2 TXD
3 RXD
4 RES
5 VIN
6 MOD
7 UART0_RXD
8 SDA_DEVICE
9 SDA_JIG
10 SCL_JIG
11 PROG_GD
12 UART0_TXD
13 PROG_CLK
14 VIN
15 SCL_DEVICE
16 RXD
17 TXD
18 GND
JTAG
A-1278-778-A<MA1>BM-P3

BM BOARD SCHEMATIC DIAGRAM (4 OF 12)

TO HDMI
IC4501
AD9880KSTZ-100
Q4501
2SC3052EF-T1-LEF
Q4502
2SC3052EF-T1-LEF
Q4503
2SC3052EF-T1-LEF
V45YPBPR
REG3V
D3.3V
AVCC3.3V
D1.8V
GREEN_AD
RED_AD
BLUE_AD
PWRDN_9380
I2CA_SCL
I2CA_SDA
DVIDATA
EDID_SDA
EDID_SCL
HDMI_MAIN
I2SCLK_DVI
I2SWS_DVI
I2SSD_DVI
BM 4/12
Anolog Interface/HDMI RECEIVER
A-1278-778-A<MA1>BM-P4

BM BOARD SCHEMATIC DIAGRAM (5 OF 12)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A
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C
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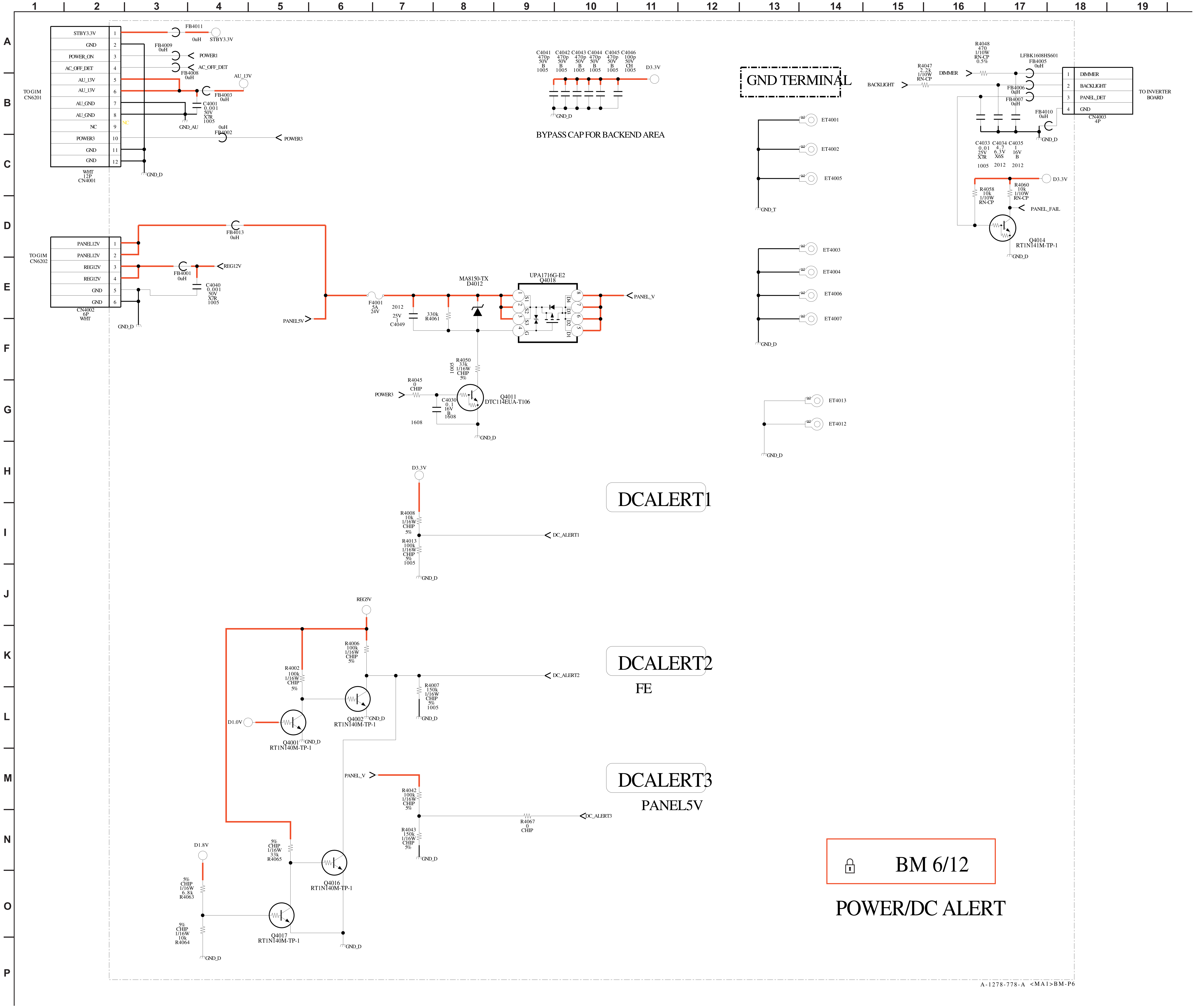
G
H
I
J
K
L
M
N
O
P
PC-R
PC-G
PC-B
PC-H
PC-V
PC-SDA
PC-SCL
TO AD9380
FROM H2 PWB
TO MAIN MAKON
PIN ASSIGNMENT BY ATI
IC5001 TC74LCX14FT(EK2)
IC5003 M24C02-WMN6T(B)
IC5513 CXB1441R-T4
SN74LV4053APWR
PCA9517DP
Q5507 RT1N141M-TP-1
BR24L02F-WE2
HDMI_IN_1
HDMI_IN_2
HDMI5V
HDMI3.3V
D3.3V
GND_D
SCL_HDMI1
SDA_HDMI1
SCL_HDMI2
SDA_HDMI2
SCL_HDMI_MAIN
SDA_HDMI_MAIN
BM 5/12
HDMI/PC INPUT
A-1278-778-A <MA1>BM-P5

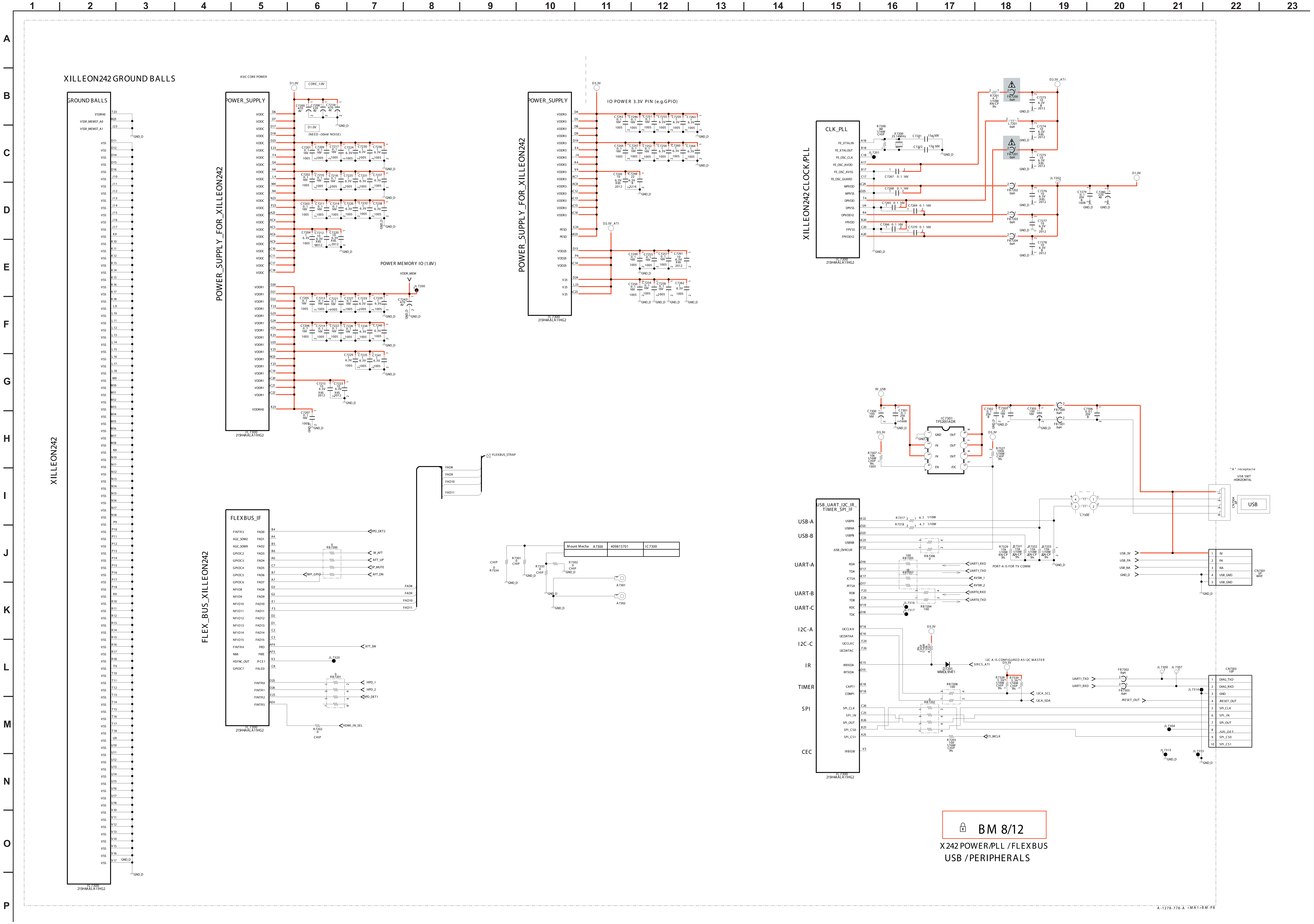
BM BOARD SCHEMATIC DIAGRAM (6 OF 12)


TO G1M CN6201
CN4001 WHT 12P
STBY3.3V
GND
POWER_ON
AC_OFF_DET
AU_13V
AU_GND
NC
POWER3
FB4011
FB4009
FB4008
FB4003
FB4002
C4001 0.001 50V X7R 1005
GND_AU
GND_D
TO G1M CN6202
CN4002 6P WHT
PANEL12V
REG12V
FB4013
FB4001
C4040 0.001 50V X7R 1005
PANEL5V
F4001 5A 24V
C4049
R4061 330k
MA8150-TX D4012
UPA1716G-E2 Q4018
PANEL_V
R4050 33k 1/16W CHIP 5%
R4045 0 CHIP
C4030 0.1 16V B 1608
Q4011 DTC114EUA-T106
C4041 C4042 C4043 C4044 C4045 C4046
D3.3V
BYPASS CAP FOR BACKEND AREA
GND TERMINAL
ET4001
ET4002
ET4005
GND_T
ET4003
ET4004
ET4006
ET4007
ET4013
ET4012
BACKLIGHT
DIMMER
R4047 2.2k 1/10W RN-CP
R4048 470 1/10W RN-CP 0.5%
LFBK1608HS601 FB4005 0uH
FB4006
FB4007
FB4010
CN4003 4P
PANEL_DET
TO INVERTER BOARD
C4033 0.01 25V X7R 1005
C4034 4.7 6.3V X6S 2012
C4035 1 16V B 2012
R4058 10k 1/10W RN-CP
R4060 10k 1/10W RN-CP
PANEL_FAIL
Q4014 RT1N141M-TP-1
DCALERT1
R4008 10k 1/16W CHIP 5%
R4013 100k 1/16W CHIP 5% 1005
DC_ALERT1
DCALERT2
FE
REG5V
R4006 100k 1/16W CHIP 5%
R4002 100k 1/16W CHIP 5%
R4007 150k 1/16W CHIP 5% 1005
DC_ALERT2
D1.0V
Q4001 RT1N140M-TP-1
Q4002 RT1N140M-TP-1
DCALERT3
PANEL5V
R4042 100k 1/16W CHIP 5%
R4043 150k 1/16W CHIP 5%
R4067 0 CHIP
DC_ALERT3
D1.8V
R4065 33k 1/16W CHIP 5%
R4063 6.8k 1/16W CHIP 5%
R4064 10k 1/16W CHIP 5%
Q4016 RT1N140M-TP-1
Q4017 RT1N140M-TP-1
BM 6/12
POWER/DC ALERT
A-1278-778-A <MA1>BM-P6

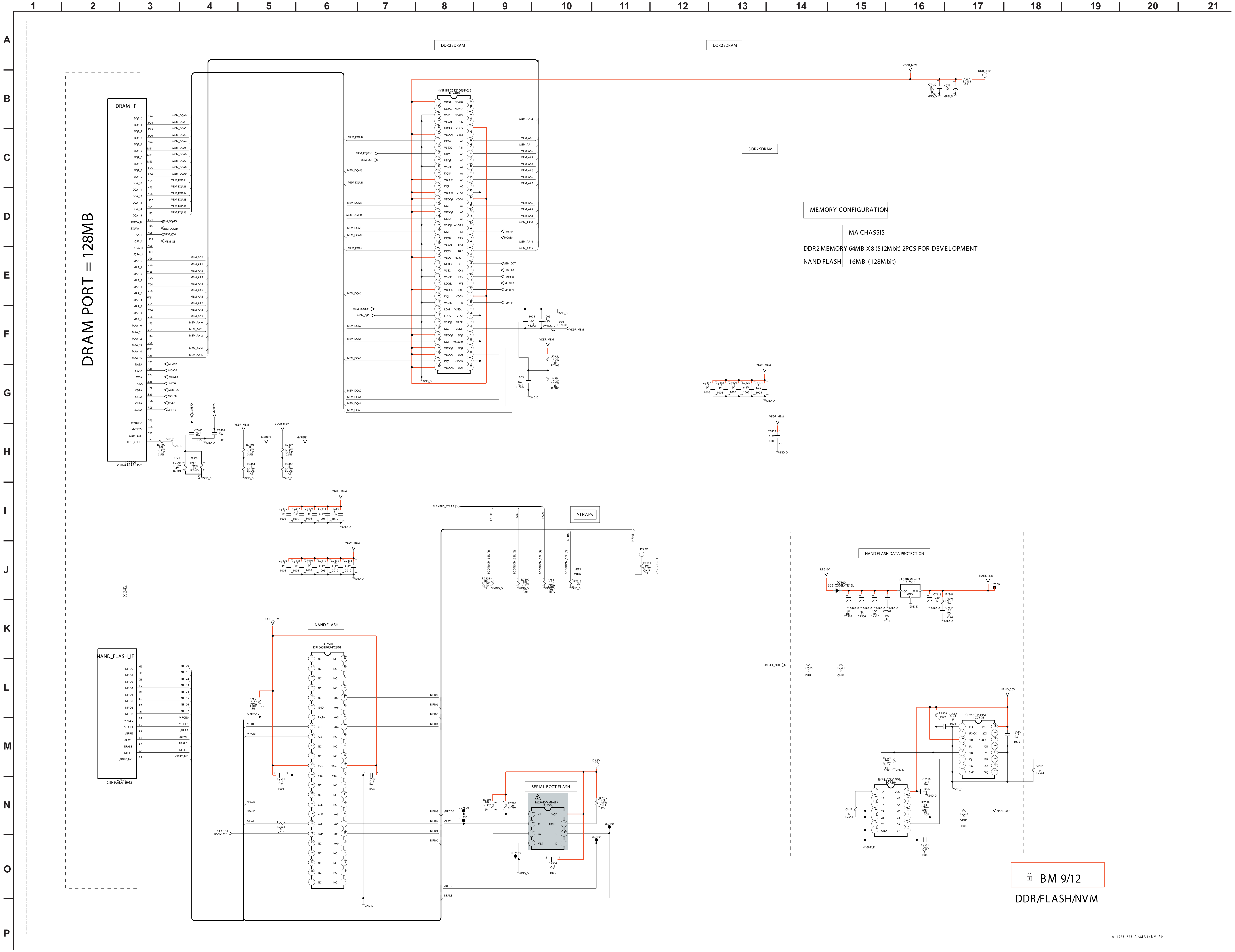
BM BOARD SCHEMATIC DIAGRAM (7 OF 12)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
A B C D E F G H I J K L M N O P
REG12V
F7000 24V 3.15A
IC7001 MIC5205YM5TR
D7001
D7003 UDZSTE-1710B
9V
IC7000 PQ1CY1032ZP
D7000 MM3Z5V6T1
L7001 47uH
L7002 47uH
D7002 RB051L-30TE25
D7019 RB051L-30TE25
MA8068-M-TX
FB7000
5V_USB
500mA
5V_TU
350mA
REG5V
125mA
POWER4
12V
0.5A
PS7000 3.15A
PS7001 3.15A
IC7004 TPS51124DBTRG4
IC7005 TPS51124DBTRG4
Q7002 FDS6986AS-NL
Q7003 FDS6986AS-NL
Q7001 FDS6986AS-NL
Q7004 FDS6986AS-NL
L7004 10uH 1.85A
L7005 10uH 1.85A
L7006 5.6uH 3.9A
L7007 10uH 2.9A
D2.5V
0.8A
D1.0V
2.1A
D3.3V
0.8A
D1.8V
2.1A
D2.5V_ATI
FB7003
JL7005
D7010 RB160M-30TR
D7013 RB160M-30TR
DDR2 550mA
X 242 65mA
RESET
/EJTAG_RESET
JL7004
JL7002
JL7003
IC7003 PST3629UL
TO XILLEON RESET# INPUT PIN
/RESET_SYSTEM
Voltage Threshold Detect
IC7002 LM2903DT
D7008 UDZSTE-173.9B
POWER2
1.8V
865mA
IC7006 MM1661UTRE
D2.5V
DDR_1.8V
BM 7/12
POWER/DC ALERT
A-1278-778-A <MA1>BM-P7

BM BOARD SCHEMATIC DIAGRAM (8 OF 12)


XILLEON242 GROUND BALLS
GROUND BALLS
XILLEON242
IC7300
215HAALA19HG2
ASIC CORE POWER
POWER_SUPPLY
POWER_SUPPLY_FOR_XILLEON242
POWER MEMORY IO (1.8V)
IO POWER 3.3V PIN (e.g.GPIO)
CLK_PLL
XILLEON242 CLOCK/PLL
FLEXBUS_IF
FLEX_BUS_XILLEON242
FLEXBUS_STRAP
Mount Mocha A7300 409815701 IC7300
USB_UART_I2C_IR_TIMER_SPI_IF
USB-A
USB-B
UART-A
UART-B
UART-C
I2C-A
I2C-C
IR
TIMER
SPI
CEC
IC7301
TPS2051ADR
"A" receptacle
USB SMT HORIZONTAL
USB
PORT-A IS FOR TV COMM
I2C-A IS CONFIGURED AS I2C MASTER
BM 8/12
X242 POWER/PLL / FLEXBUS
USB / PERIPHERALS
A-1276-778-A

BM BOARD SCHEMATIC DIAGRAM (9 OF 12)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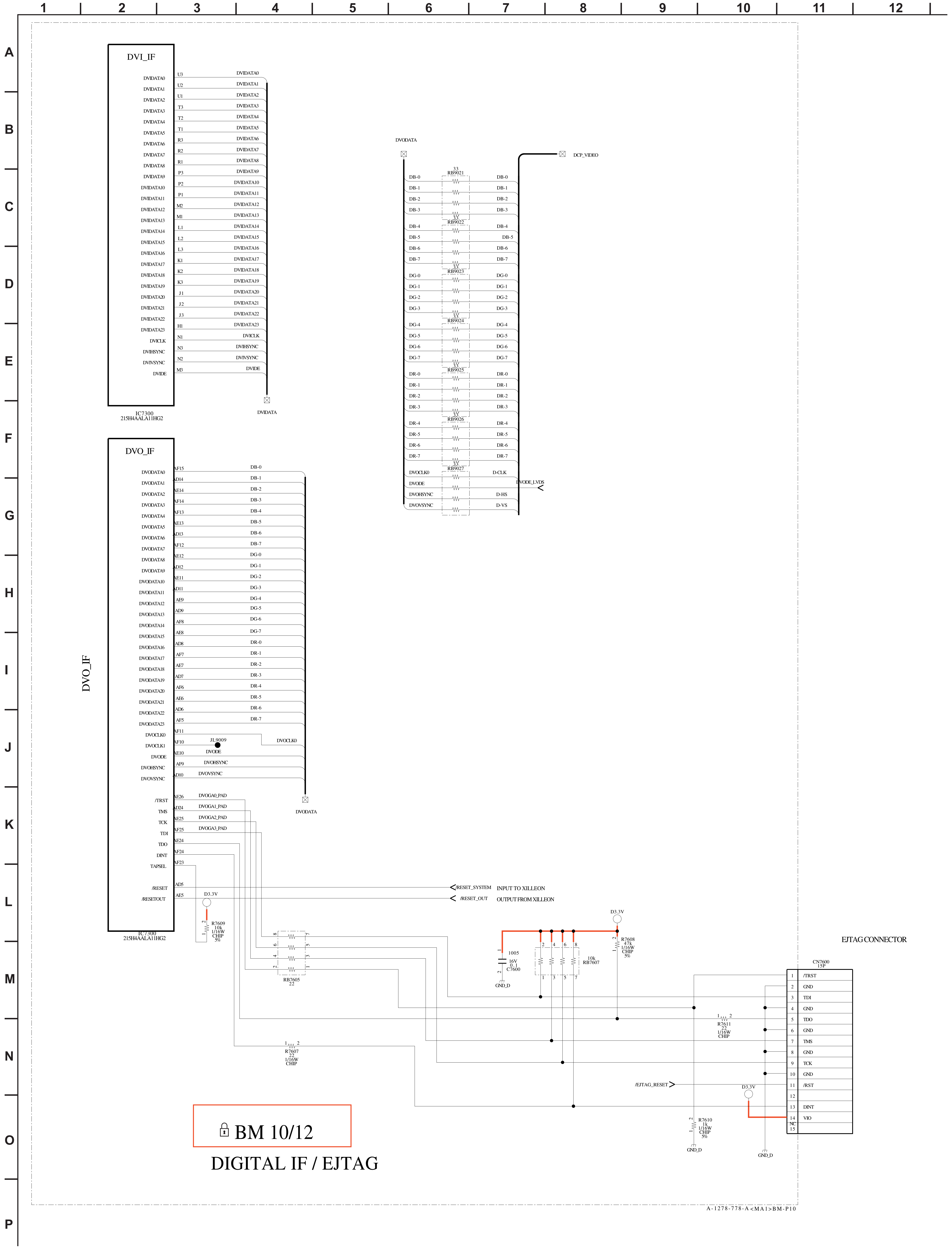
P
DRAM PORT = 128MB
DRAM_IF
X242
NAND_FLASH_IF
DDR2SDRAM
DDR2SDRAM
DDR2SDRAM
HYB18TC512160BF-2.5
IC7400
VDDR_MEM
DDR_1.8V
MEMORY CONFIGURATION
STRAPS
FLEXBUS_STRAP
NAND FLASH
NAND_3.3V
IC7501
K9F5608U0D-PCB0T
SERIAL BOOT FLASH
M25P40-VMN6TP
IC7503
D3.3V
R7508
100k
1/16W
R7517
10k
1/16W
CHIP
5%
JL7503
JL7504
JL7505
NAND FLASH DATA PROTECTION
REG12V
D7500
EC21QS03L-TE12L
BA33BC0FP-E2
IC7505
C7513
220
4V
R7533
1
1/10W
RN-CP
5%
C7514
10
10V
B
3216
JL7509
GND_D
RESET_OUT
R7541
0
CHIP
CD74HC4538PWR
IC7506
R7529
100k
C7512
0.47
10V
B
1608
C7515
0.1
16V
1005
R7526
10k
1/16W
CHIP
5%
1005
SN74LVC32APWR
IC7504
C7510
0.1
16V
1005
R7528
1k
1/16W
CHIP
5%
1005
R7532
0
CHIP
1005
NAND_WP
R7542
R7544
BM 9/12
DDR/FLASH/NVM
A-1278-778-A <MA1>BM-P9

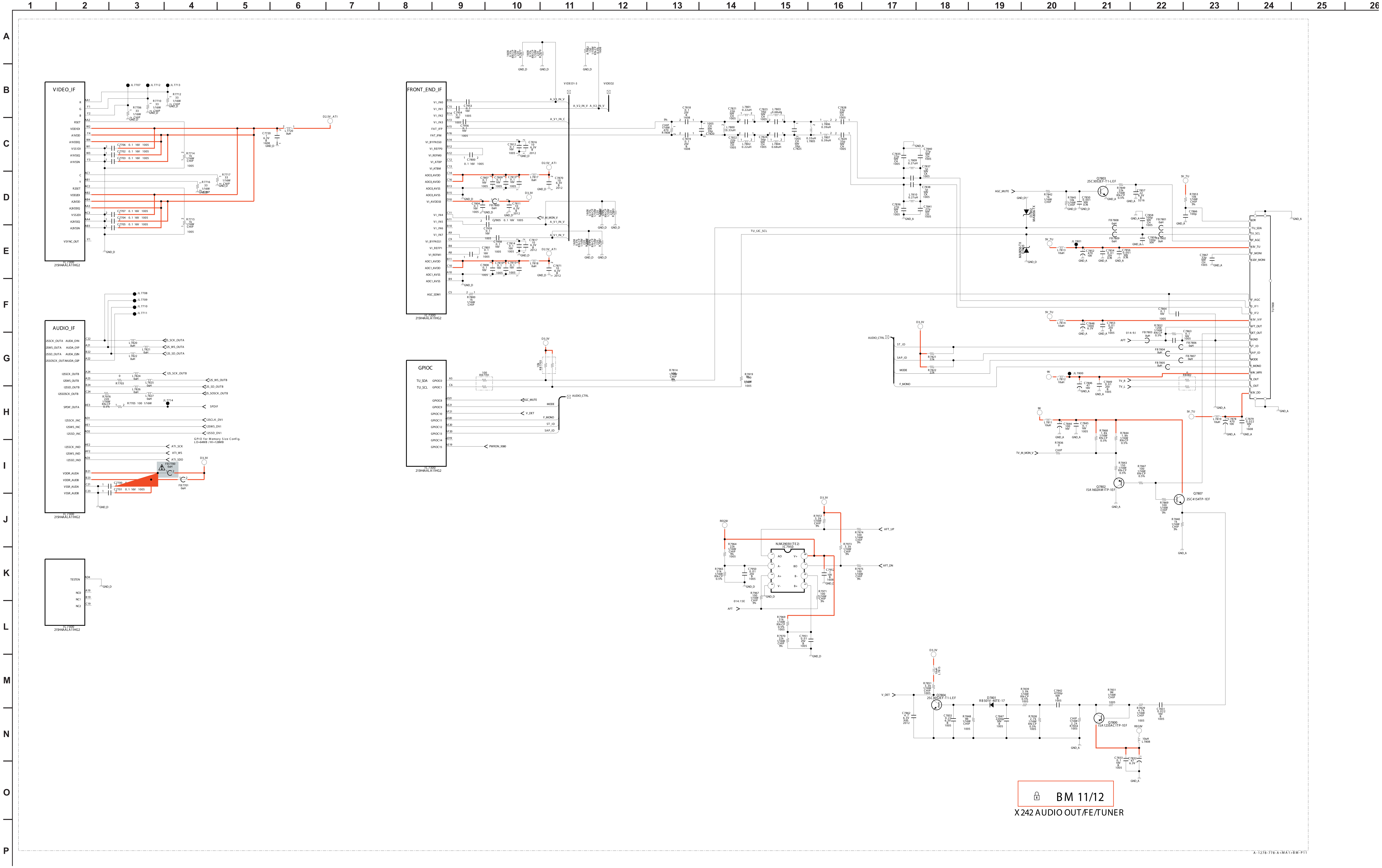
MEMORY CONFIGURATION

	MA CHASSIS
DDR2 MEMORY	64MB X8 (512Mbit) 2PCS FOR DEVELOPMENT
NAND FLASH	16MB (128Mbit)

BM BOARD SCHEMATIC DIAGRAM (10 OF 12)


DVI_IF
IC7300
215H4AALA11HG2
DVIDATA
DVO_IF
DVODATA
DCP_VIDEO
RB9021
RB9022
RB9023
RB9024
RB9025
RB9026
RB9027
DVODE_LVDS
JL9009
RESET_SYSTEM
INPUT TO XILLEON
/RESET_OUT
OUTPUT FROM XILLEON
R7609
RB7605
R7607
C7600
RB7607
R7608
R7611
R7610
D3.3V
GND_D
/EJTAG_RESET
EJTAG CONNECTOR
CN7600
15P
1 /TRST
2 GND
3 TDI
4 GND
5 TDO
6 GND
7 TMS
8 GND
9 TCK
10 GND
11 /RST
12
13 DINT
14 VIO
NC 15
BM 10/12
DIGITAL IF / EJTAG
A-1278-778-A <MA1>BM-P10

BM BOARD SCHEMATIC DIAGRAM (11 OF 12)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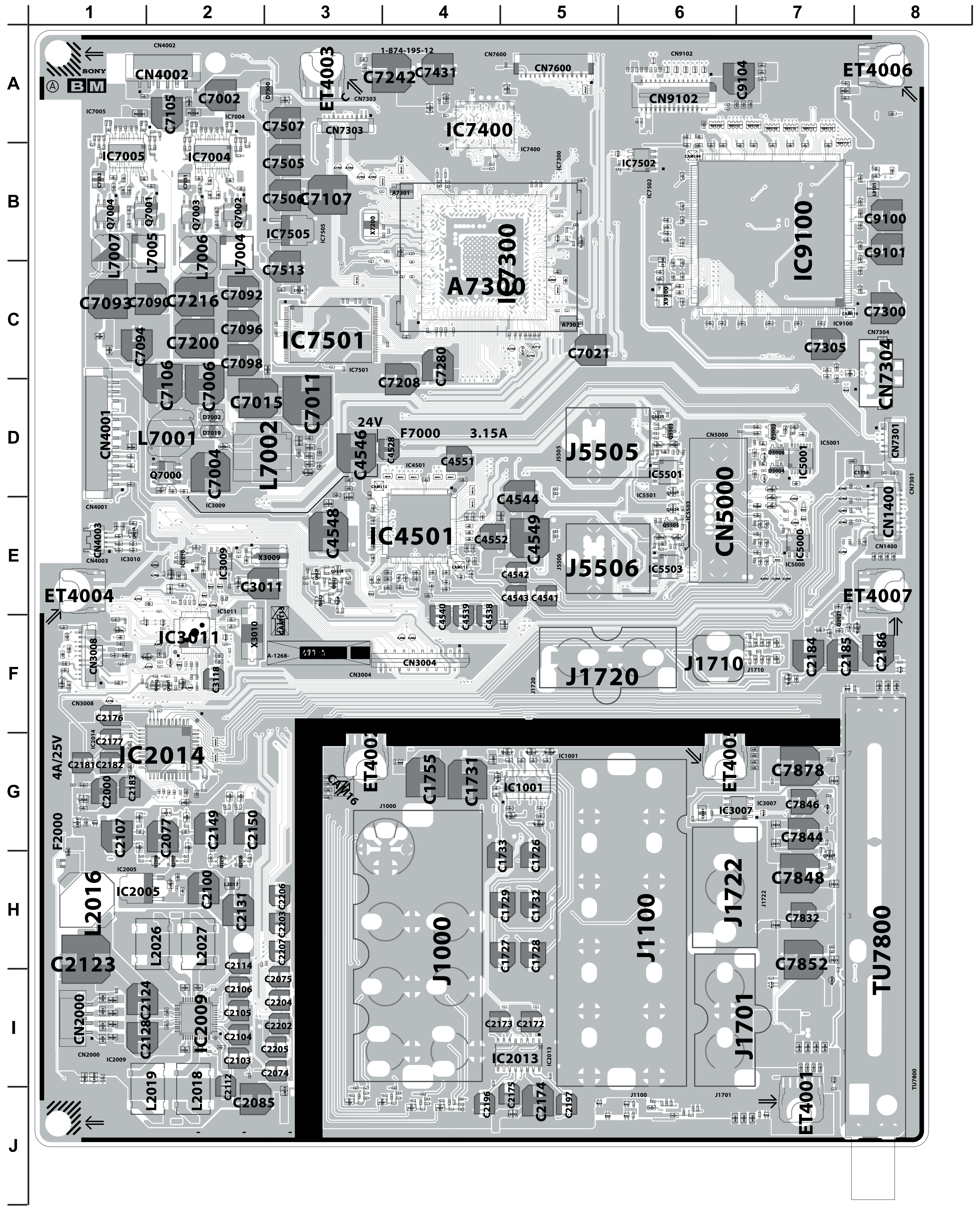
P
VIDEO_IF
AUDIO_IF
FRONT_END_IF
GPIOC
VIDEO1-3
VIDEO2
D2.5V_ATI
D3.3V
AGC_MUTE
AUDIO_CTRL
ST_ID
SAP_ID
MODE
F_MONO
AFT_UP
AFT_DN
V_DET
TV_M_MON_V
TU_I2C_SCL
REG5V
5V_TU
NJM2903V(TE2)
Q7803
Q7802
Q7807
Q7804
Q7800
BM 11/12
X242 AUDIO OUT/FE/TUNER
A-1278-778-A<MA1>BM-P11

BM BOARD SCHEMATIC DIAGRAM (12 OF 12)

IC9100
CXD9600Q
DCP
IC9102
THC63LVD103
TRANSMITTER
LVDS
X9100
Q9100
2SA1235TP-1EF
Q9101
2SC3052EF-T1-LEF
PST3629NR
IC9103
TO PANEL
CN9100
DCP_VIDEO
DCP_RST
DCP_BLK_DE
I2CA_SCL
I2CA_SDA
PANEL_V
LVDS1_PD
BM 12/12
DSP/LVDS
A-1278-778-A <MA1>BM-P12

BM [I/O TERMINALS, AUDIO, TV/CON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS]

COMPONENT SIDE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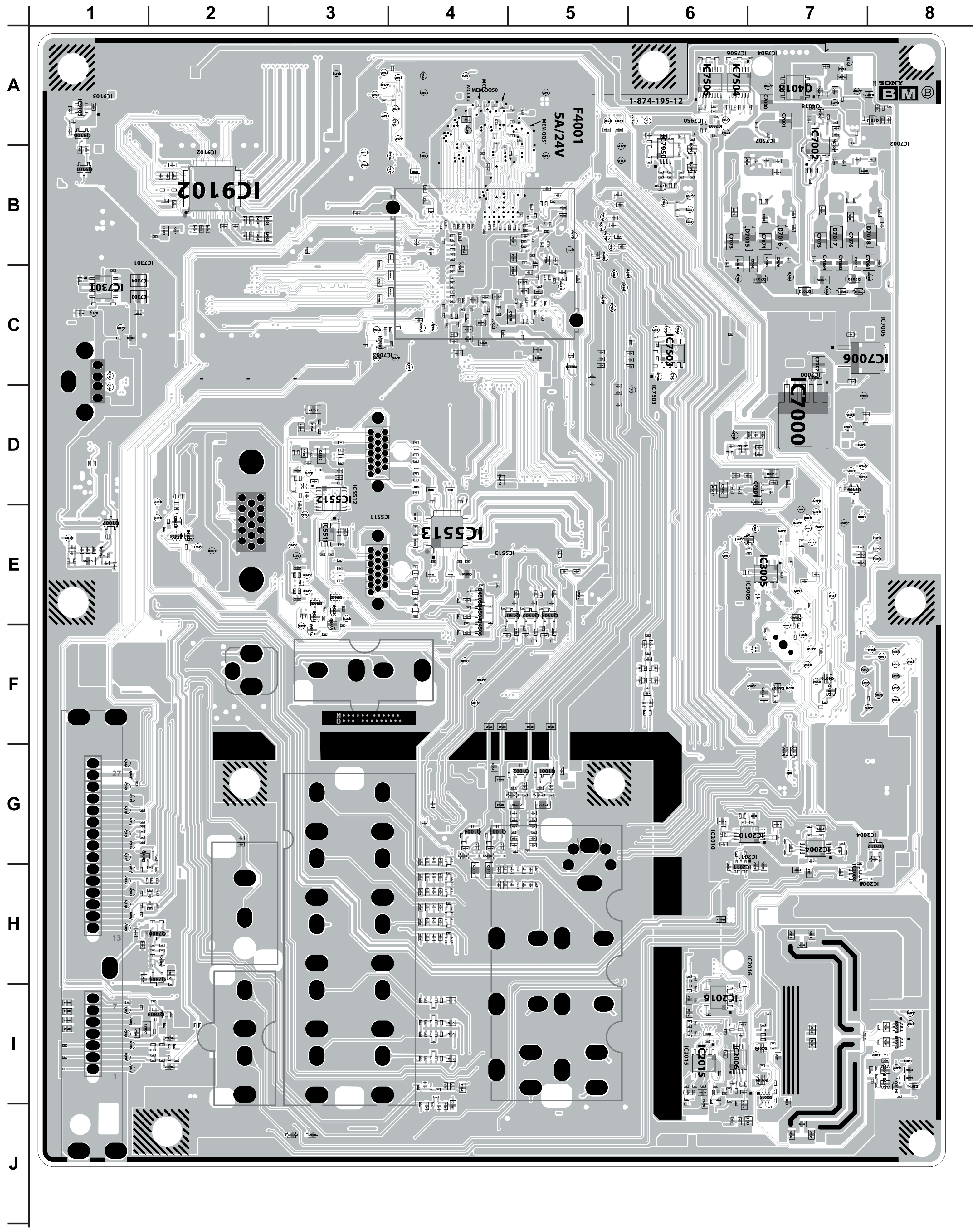
1-874-195-12
CN4002
C7002
C7105
ET4003
C7242
C7431
CN7600
CN9102
C9104
ET4006
IC7005
IC7004
C7507
CN7303
IC7400
IC7502
C7505
C7506
C7107
IC9100
C9100
C9101
L7007
L7005
L7006
L7004
IC7505
C7513
A7300
IC7300
C7093
C7216
C7092
C7096
C7300
IC7501
C7200
C7098
C7305
C7021
CN7304
C7106
C7006
C7015
C7011
C7208
C7280
CN4001
L7001
L7002
24V
F7000
3.15A
J5505
CN7301
C7004
C4546
C4551
C5501
CN5000
CN1400
C4548
IC4501
C4544
C4552
C4549
C4542
J5506
C5503
ET4004
C3011
ET4007
IC3011
CN3004
J1720
J1710
C2184
C2185
C2186
4A/25V
IC2014
ET4001
C1755
C1731
IC1001
C7878
IC3007
C7846
C7844
F2000
C2077
C2149
C2150
C2100
IC2005
C7848
J1722
L2016
L2026
L2027
C2131
J1000
J1100
C7832
TU7800
C2123
C7852
CN2000
C2124
IC2009
J1701
IC2013
L2019
L2018
C2085

BM [I/O TERMINALS, AUDIO, TV/CON, ANALOG INTERFACE/HDMI RECEIVER, HDMI/PC INPUT, POWER/DC ALERT, X242 POWER/PLL/FLEXBUS/USB/PERIPHERALS, DDR/FLASH/NVM, DIGITAL IF/EJTAG, X242 AUDIO OUT/FE/TUNER, DSP/LVDS]

CONDUCTOR SIDE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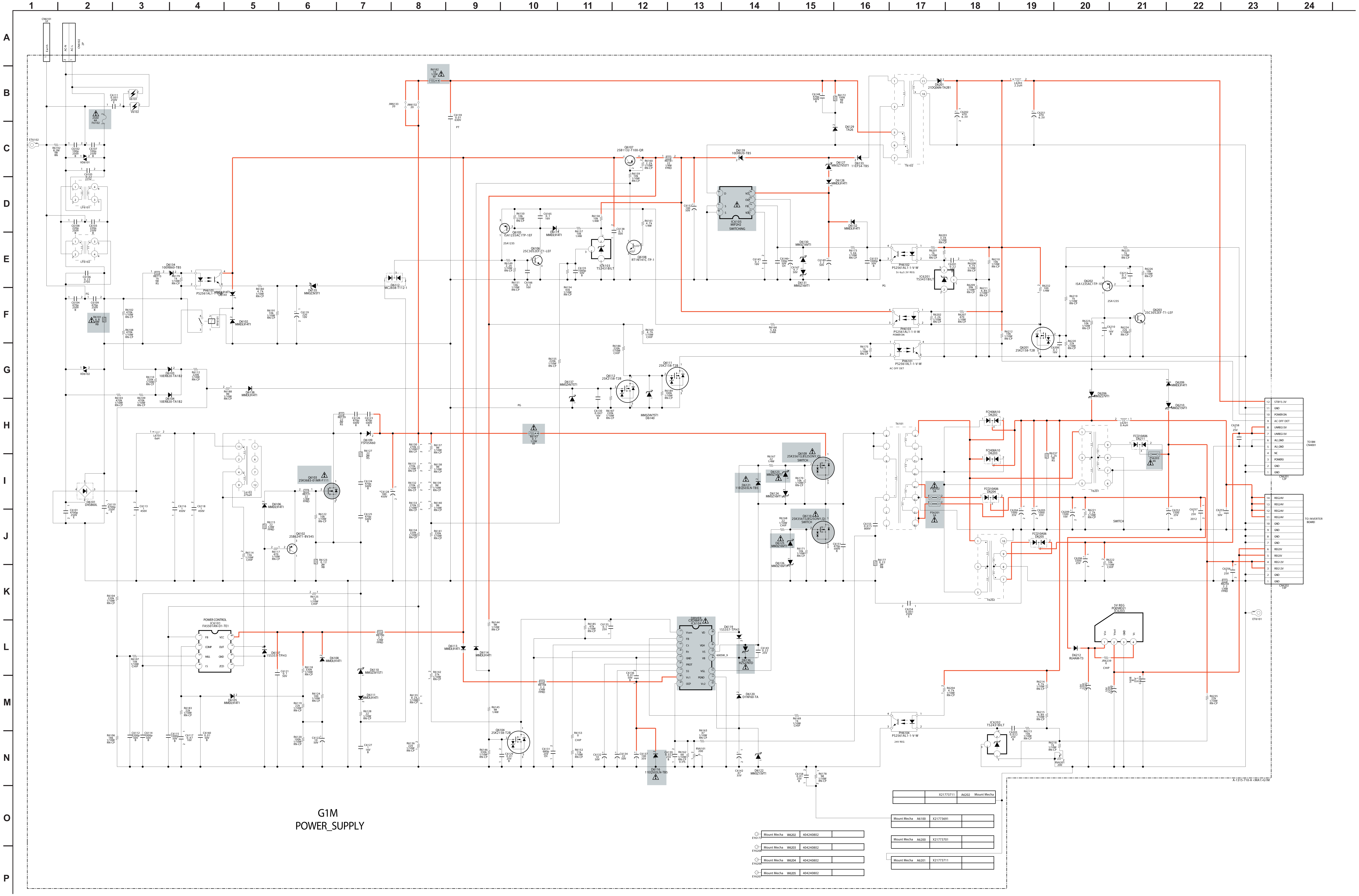
1-874-195-12
F4001
5A/24V
IC9102
IC7301
IC7006
IC7000
IC5512
IC5513
IC2016

G1M BOARD SCHEMATIC DIAGRAM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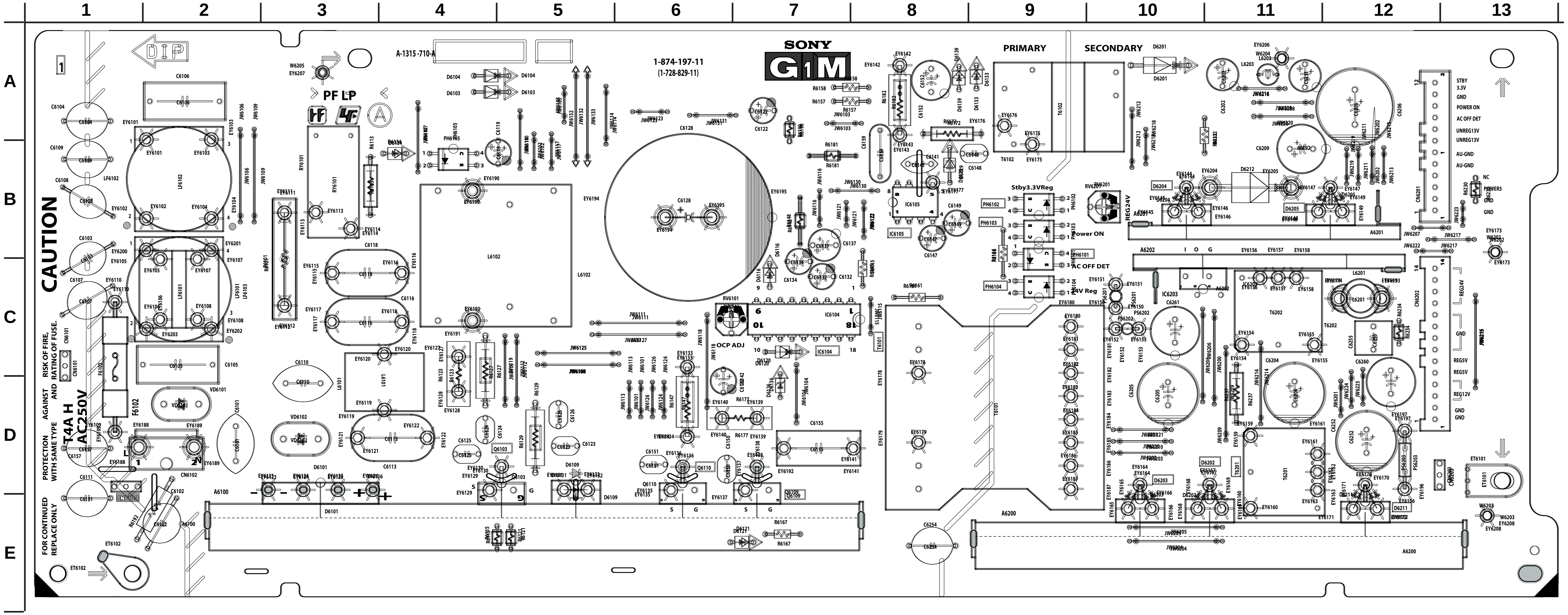
P
G1M
POWER_SUPPLY
POWER CONTROL
IC6101
FA5501AN-D1-TE1
IC6105
SWITCHING
5V REG
TO BM CN4001
TO INVERTER BOARD
SWITCH
Mount Mecha

G1M

[POWER SUPPLY]

COMPONENT SIDE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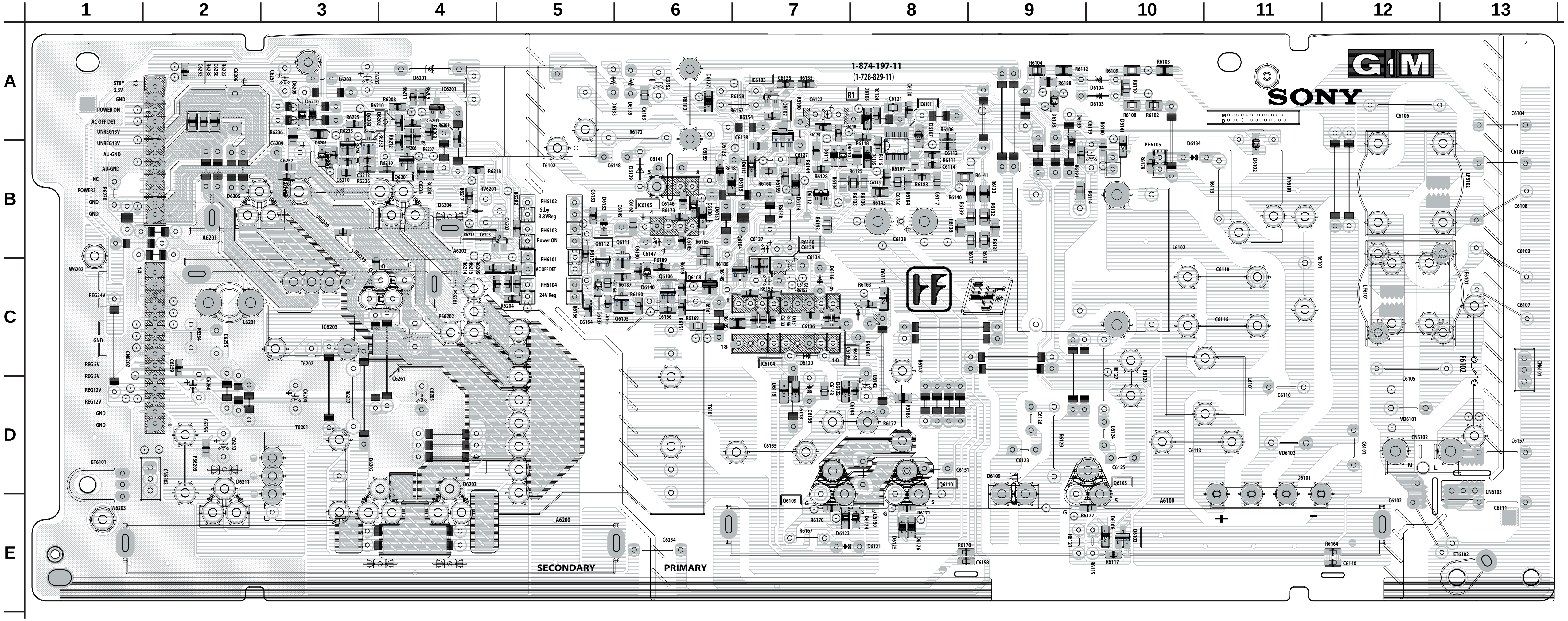
DIP
A-1315-710-A
1-874-197-11
(1-728-829-11)
SONY
G1M
PRIMARY
SECONDARY
PF LP
CAUTION
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE,
REPLACE ONLY WITH SAME TYPE AND RATING OF FUSE.
T4A H
AC250V
F6101
F6102
L
N
OCP ADJ
Stby3.3VReg
Power ON
AC OFF DET
24V Reg
REG24V
STBY 3.3V
GND
POWER ON
AC OFF DET
UNREG13V
UNREG13V
AU-GND
AU-GND
NC
POWER3
GND
REG24V
GND
REG5V
REG5V
REG12V
GND
GND
A6100
A6200
A6201
A6202
D6101
IC6104
IC6105
IC6203
T6101
T6102
T6201
T6202
L6101
L6102
L6201
CN6101
CN6102
CN6201
CN6202
LF6101
LF6102
LF6103
VD6101
VD6102
C6128
PH6101
PH6102
PH6103
PH6104
PH6105
RV6101
RV6201

G1M

[POWER SUPPLY]

CONDUCTOR SIDE



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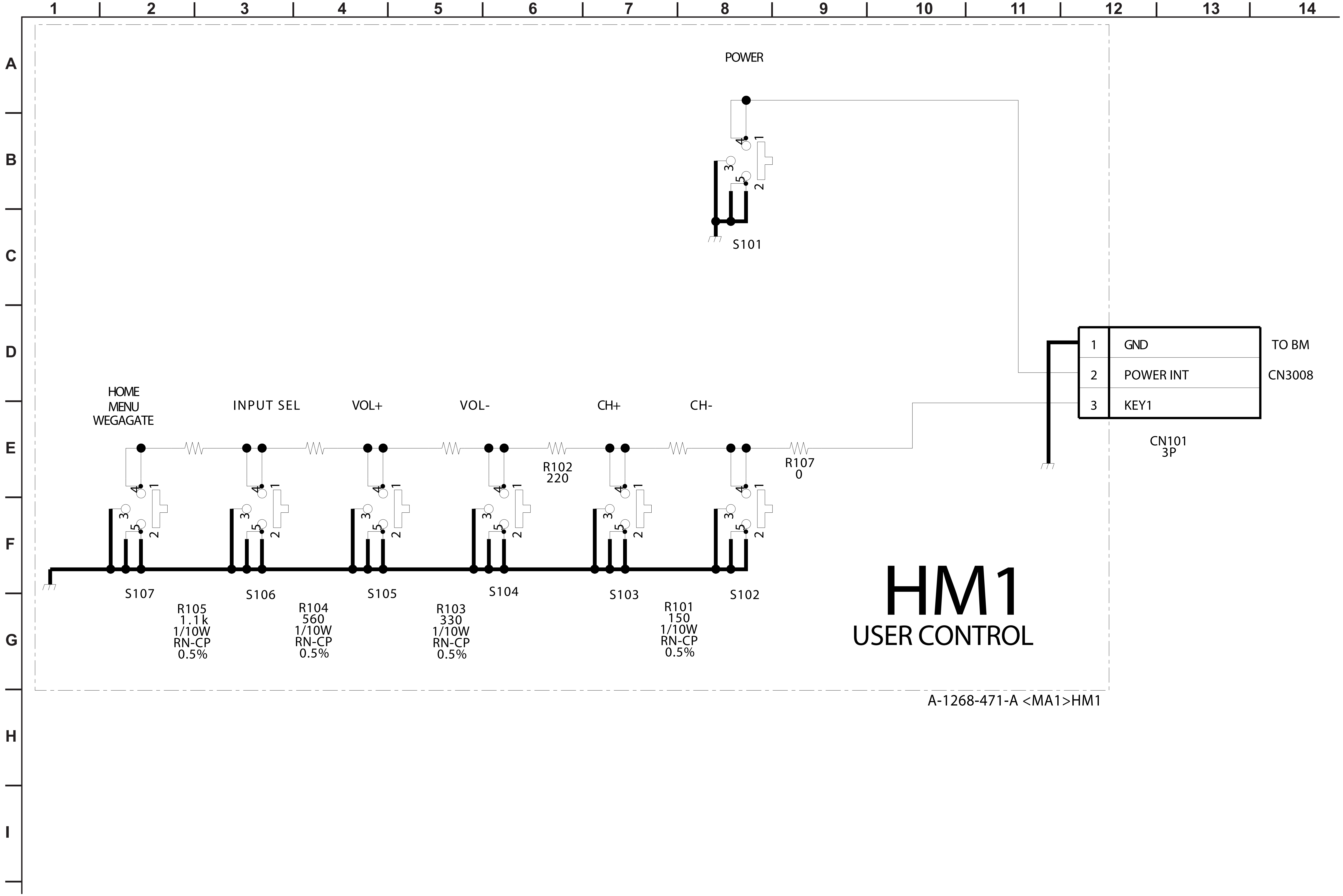
1-874-197-11
(1-728-829-11)
G1M
SONY
SECONDARY
PRIMARY
A6200
A6100
+
–
N
L

HM1 BOARD SCHEMATIC DIAGRAM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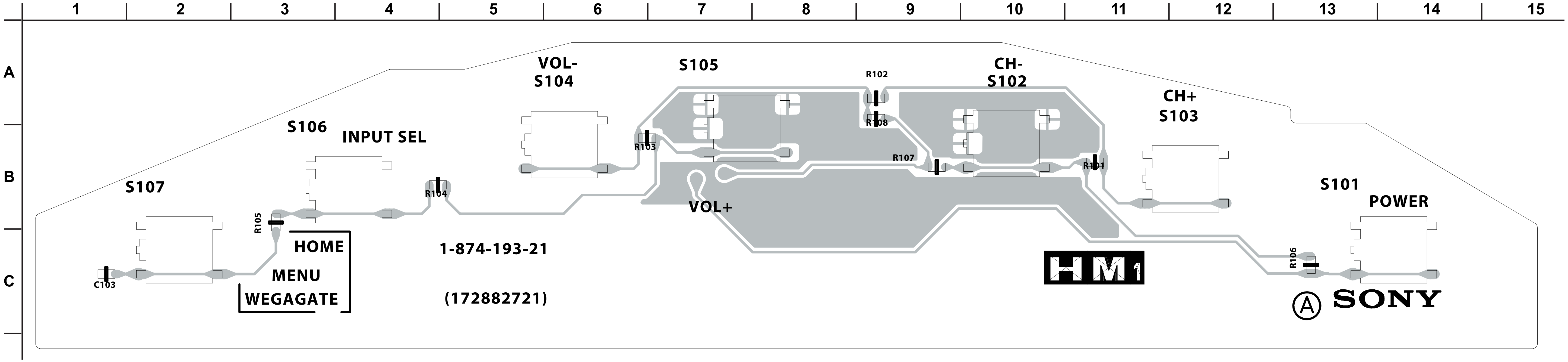
I
POWER
S101
HOME
MENU
WEGAGATE
INPUT SEL
VOL+
VOL-
CH+
CH-
S107
S106
S105
S104
S103
S102
R105
1.1k
1/10W
RN-CP
0.5%
R104
560
1/10W
RN-CP
0.5%
R103
330
1/10W
RN-CP
0.5%
R102
220
R101
150
1/10W
RN-CP
0.5%
R107
0
1 GND
2 POWER INT
3 KEY1
TO BM
CN3008
CN101
3P
HM1
USER CONTROL
A-1268-471-A <MA1>HM1

HM1 [USER CONTROL]
COMPONENT SIDE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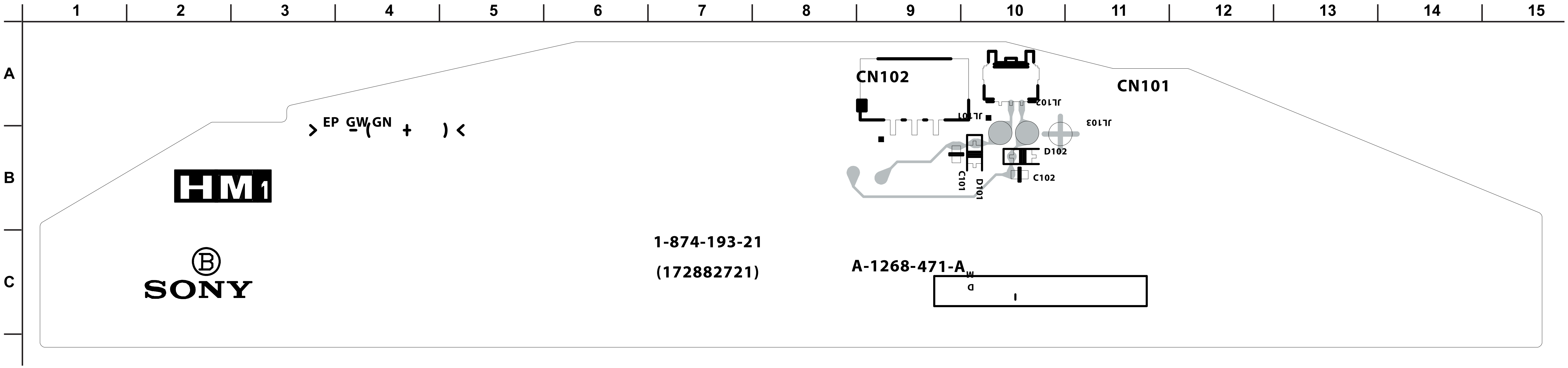
A
B
C
VOL-
S104
S105
R102
CH-
S102
CH+
S103
R108
S106
INPUT SEL
R103
R107
R101
R104
S107
VOL+
S101
POWER
R105
HOME
1-874-193-21
MENU
WEGAGATE
(172882721)
R106
C103
HM1
Ⓐ
SONY

HM1 [USER CONTROL]
CONDUCTOR SIDE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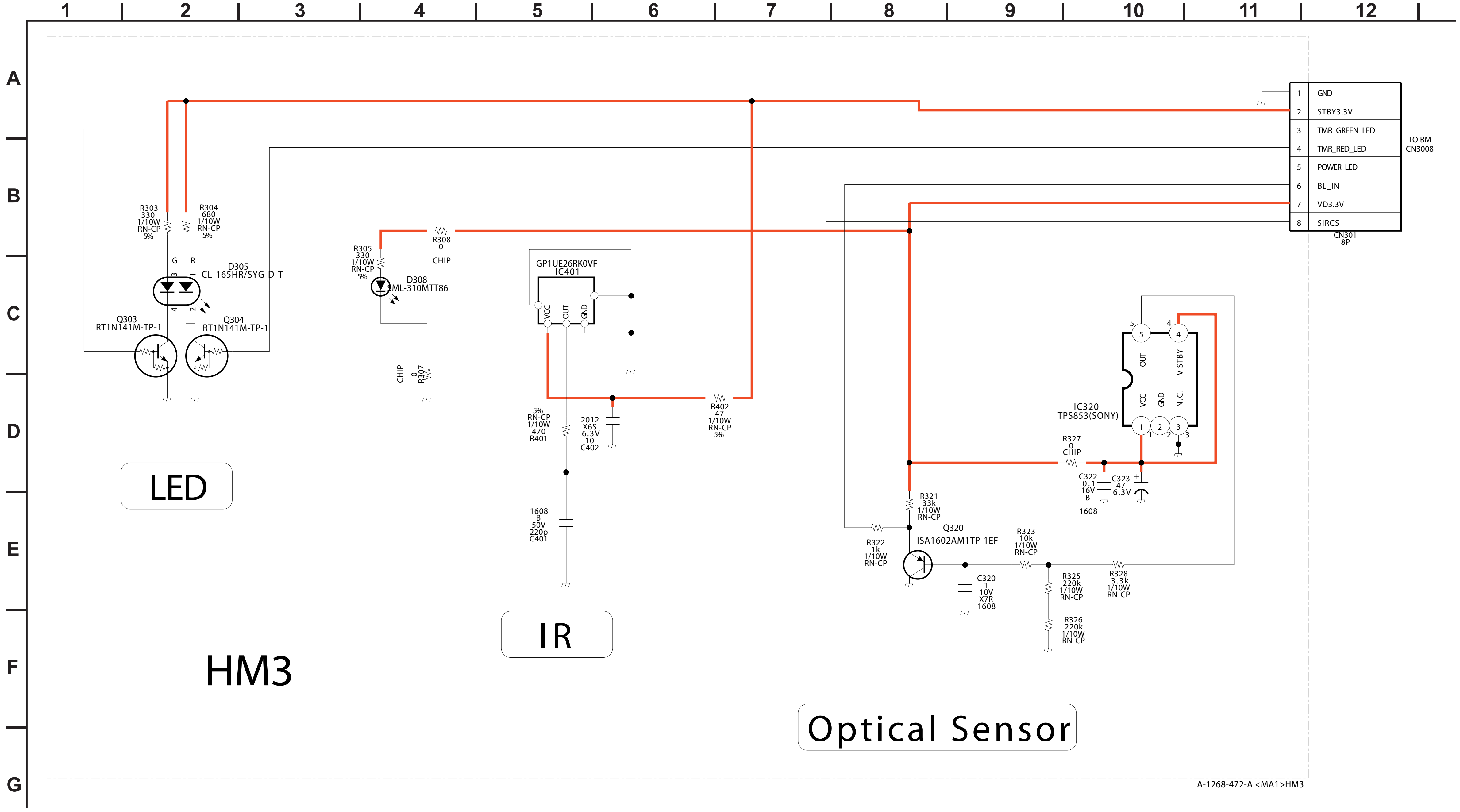
A
B
C
CN102
CN101
JL101
JL102
JL103
D102
C101
D101
C102
HM1
Ⓑ
SONY
1-874-193-21
(172882721)
A-1268-471-A

HM3 BOARD SCHEMATIC DIAGRAM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A
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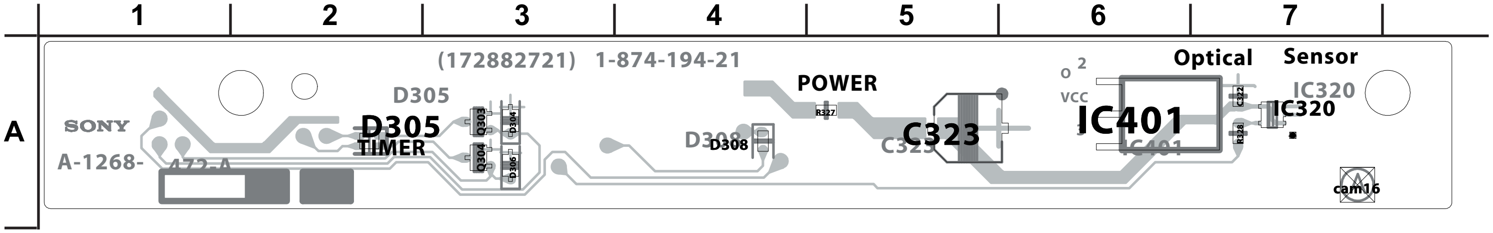
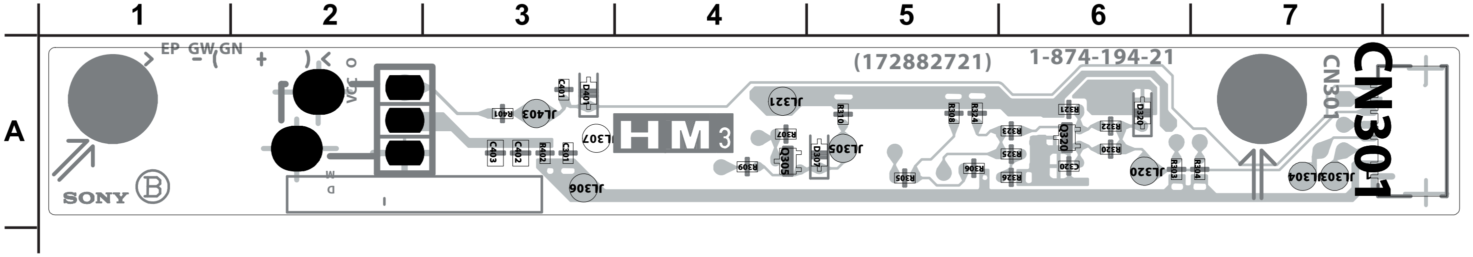
F
G
R303 330 1/10W RN-CP 5%
R304 680 1/10W RN-CP 5%
G
R
D305 CL-165HR/SYG-D-T
Q303 RT1N141M-TP-1
Q304 RT1N141M-TP-1
R305 330 1/10W RN-CP 5%
R308 0 CHIP
D308 SML-310MTT86
CHIP 0 R307
GP1UE26RK0VF IC401
VCC
OUT
GND
5% RN-CP 1/10W 470 R401
2012 X6S 6.3V 10 C402
R402 47 1/10W RN-CP 5%
1608 B 50V 220p C401
LED
IR
HM3
IC320 TPS853(SONY)
OUT
V STBY
VCC
GND
N.C.
R327 0 CHIP
C322 0.1 16V B
C323 47 6.3V
1608
R321 33k 1/10W RN-CP
R322 1k 1/10W RN-CP
Q320 ISA1602AM1TP-1EF
C320 1 10V X7R 1608
R323 10k 1/10W RN-CP
R325 220k 1/10W RN-CP
R326 220k 1/10W RN-CP
R328 3.3k 1/10W RN-CP
Optical Sensor
1 GND
2 STBY3.3V
3 TMR_GREEN_LED
4 TMR_RED_LED
5 POWER_LED
6 BL_IN
7 VD3.3V
8 SIRCS
TO BM CN3008
CN301 8P
A-1268-472-A <MA1>HM3

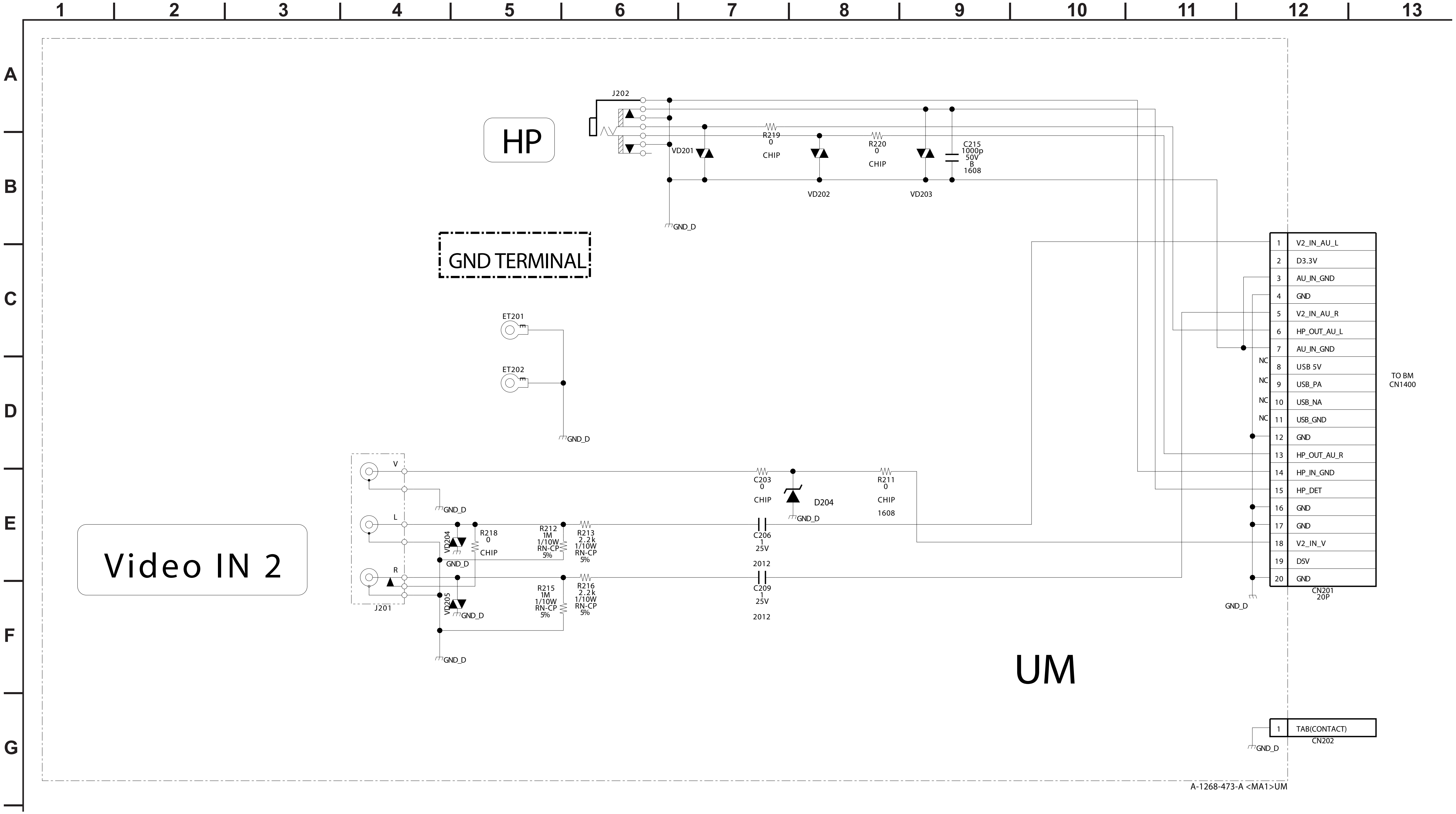
HM3 [OPTICAL SENSOR]
COMPONENT SIDE


1
2
3
4
5
6
7
A
(172882721) 1-874-194-21
SONY
A-1268-472-A
D305
TIMER
Q303
Q304
D304
D306
D308
POWER
R327
C323
O 2
VCC
IC401
Optical Sensor
IC320
C321
R328
cam16

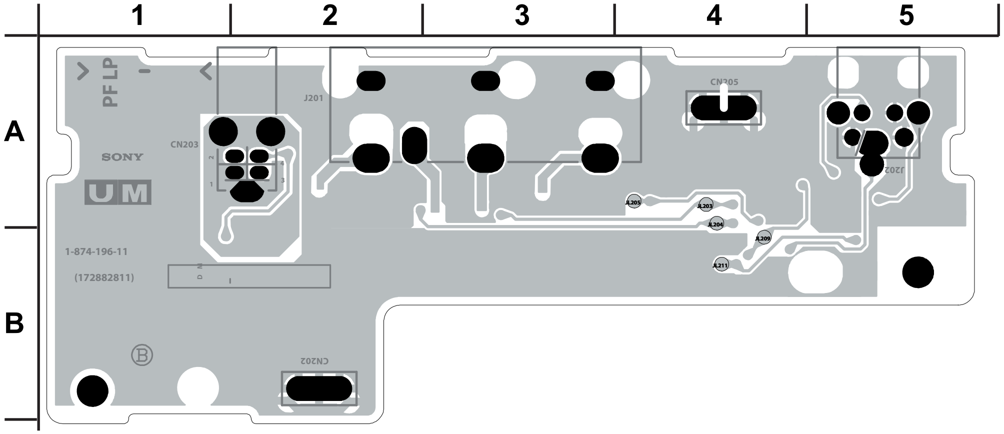
HM3 [OPTICAL SENSOR]
CONDUCTOR SIDE


1
2
3
4
5
6
7
A
EP GW GN
SONY
(172882721) 1-874-194-21
HM3
CN301
JL403
JL307
JL306
JL321
JL305
JL320
JL303
JL304
C401
D401
R401
C403
C402
R402
C301
R310
R307
Q305
D307
R309
R308
R324
R305
R306
R323
R325
R326
R321
Q320
C330
R322
R320
D320
R303
R304

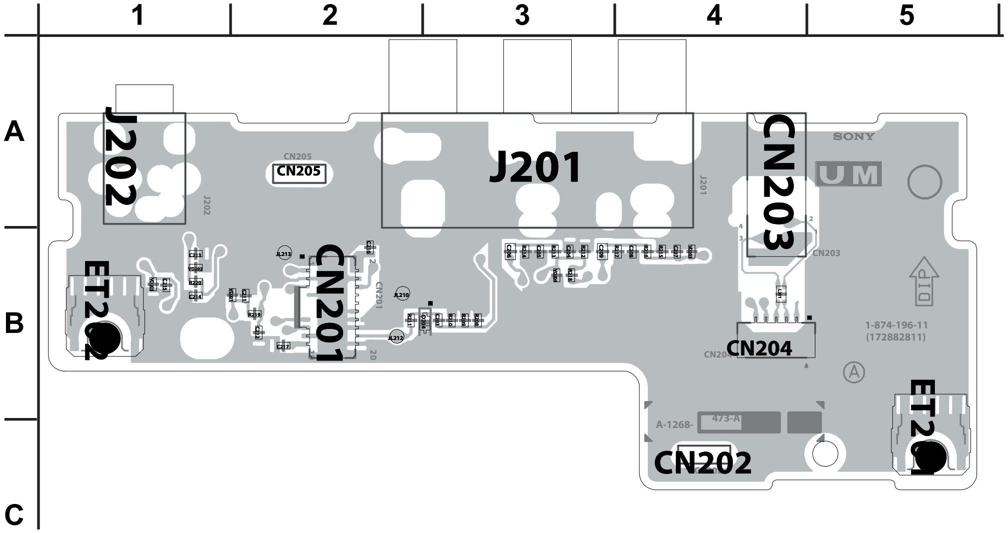
UM BOARD SCHEMATIC DIAGRAM


1
2
3
4
5
6
7
8
9
10
11
12
13
A
B
C
D
E
F
G
HP
J202
VD201
R219
0
CHIP
R220
0
CHIP
C215
1000p
50V
B
1608
VD202
VD203
GND_D
GND TERMINAL
ET201
ET202
GND_D
V
L
R
J201
GND_D
VD204
VD205
R218
0
CHIP
GND_D
R212
1M
1/10W
RN-CP
5%
R213
2.2k
1/10W
RN-CP
5%
R215
1M
1/10W
RN-CP
5%
R216
2.2k
1/10W
RN-CP
5%
GND_D
GND_D
C203
0
CHIP
D204
GND_D
R211
0
CHIP
1608
C206
1
25V
2012
C209
1
25V
2012
Video IN 2
UM
1 V2_IN_AU_L
2 D3.3V
3 AU_IN_GND
4 GND
5 V2_IN_AU_R
6 HP_OUT_AU_L
7 AU_IN_GND
8 USB 5V
9 USB_PA
10 USB_NA
11 USB_GND
12 GND
13 HP_OUT_AU_R
14 HP_IN_GND
15 HP_DET
16 GND
17 GND
18 V2_IN_V
19 D5V
20 GND
NC
NC
NC
NC
TO BM
CN1400
CN201
20P
GND_D
1 TAB(CONTACT)
CN202
GND_D
A-1268-473-A <MA1>UM

UM [VIDEO 2 IN]
COMPONENT SIDE


1
2
3
4
5
A
B
PF LP
J201
CN205
CN203
SONY
UM
1-874-196-11
(172882811)
CN202
J202
A205
A203
A204
A209
A211

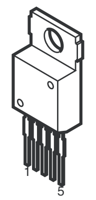
UM [VIDEO 2 IN]
CONDUCTOR SIDE


1
2
3
4
5
A
B
C
J202
CN205
J201
CN203
SONY
UM
ET202
CN201
A213
A210
A212
CN204
DIP
1-874-196-11
(172882811)
A-1268-473-A
CN202
ET201

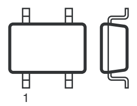
3-6. SEMICONDUCTORS

IC

BA00AST-V5

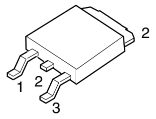


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

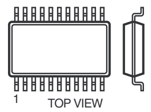


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

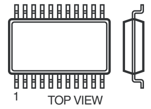


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



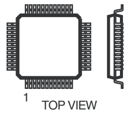
8Pin SOP

CD4052BNSR
FMS6418AM16X



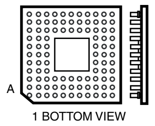
16Pin SOP

CXA2188Q-T4



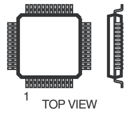
40Pin QFP

EM6A9320BI-5MG


A
1 BOTTOM VIEW

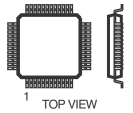
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



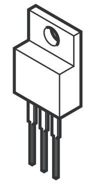
48Pin QFP

HD64F2378-12681-01

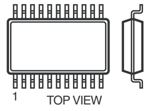


144Pin QFP

L88M05T-FA-TL

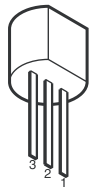


M52347FP-TE

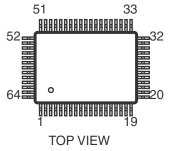


20Pin SOP

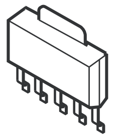
MM1431ATT



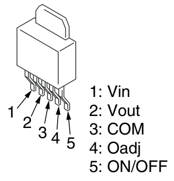
NJW1149AFH1


51
33
52
32
64
20
1
19
TOP VIEW

PQ1CY1032ZP

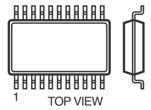


PQ1CZ41H2ZPH

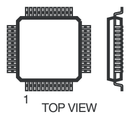


1: Vin
2: Vout
3: COM
4: Oadj
5: ON/OFF

RV5C387A-E2-FB

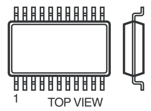


SII9993CTG100



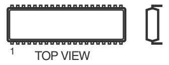
100Pin QFP

SN74LV132APWR
SN74LVC14APWR



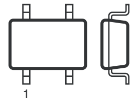
14Pin SOP

STR-A6169



8Pin DIP

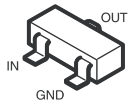
TK11819MTL



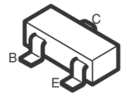
6Pin CHIP

TRANSISTOR

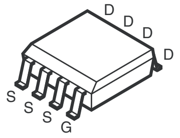
DTC114EU
DTC114EUAFT106



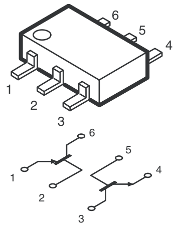
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



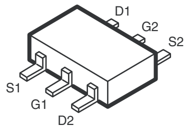
FDS6690A



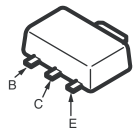
HN1B01FU-TE85R


6
5
4
1
2
3
6
5
1
4
2
3

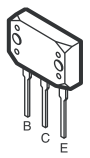
SSM6N15FU(TE85R)


D1
G2
S2
S1
G1
D2

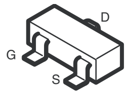
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

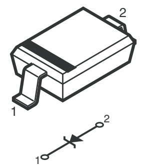


2SK2158-T2B

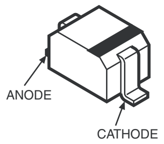


DIODE

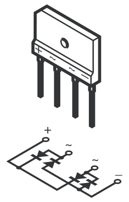
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



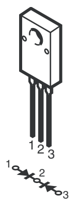
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B


ANODE
CATHODE

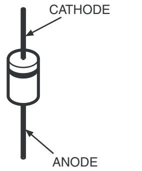
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



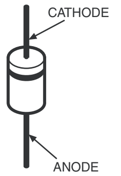
D10SC6M



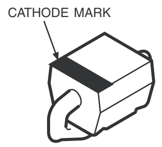
D1NL40-TA2
D1NL40-TR2
ERA22-08


CATHODE
ANODE

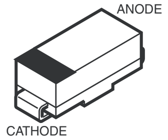
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU


CATHODE
ANODE

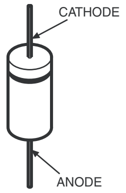
EC10QS-04
EC10QS04-TE12L5


CATHODE MARK

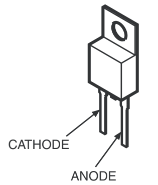
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B


ANODE
CATHODE

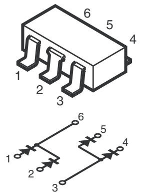
ERA22-08KFLB


CATHODE
ANODE

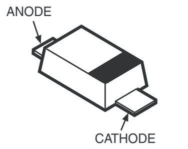
FSF05A60


CATHODE
ANODE

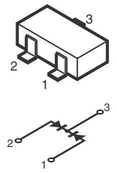
HN1D03FU-TE85L
HN1D03FU-TE85R


6
5
4
1
2
3
6
5
4
1
2
3

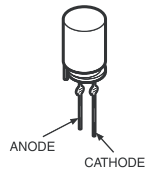
M1FM3


ANODE
CATHODE

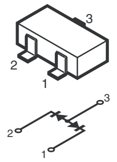
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



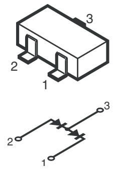
UDZSTE-1710B


ANODE
CATHODE

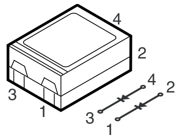
UMZ16NT106



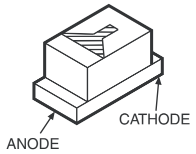
1PS302



SML-020MVT-T86



SML-310LTT86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SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

*** Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.**

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

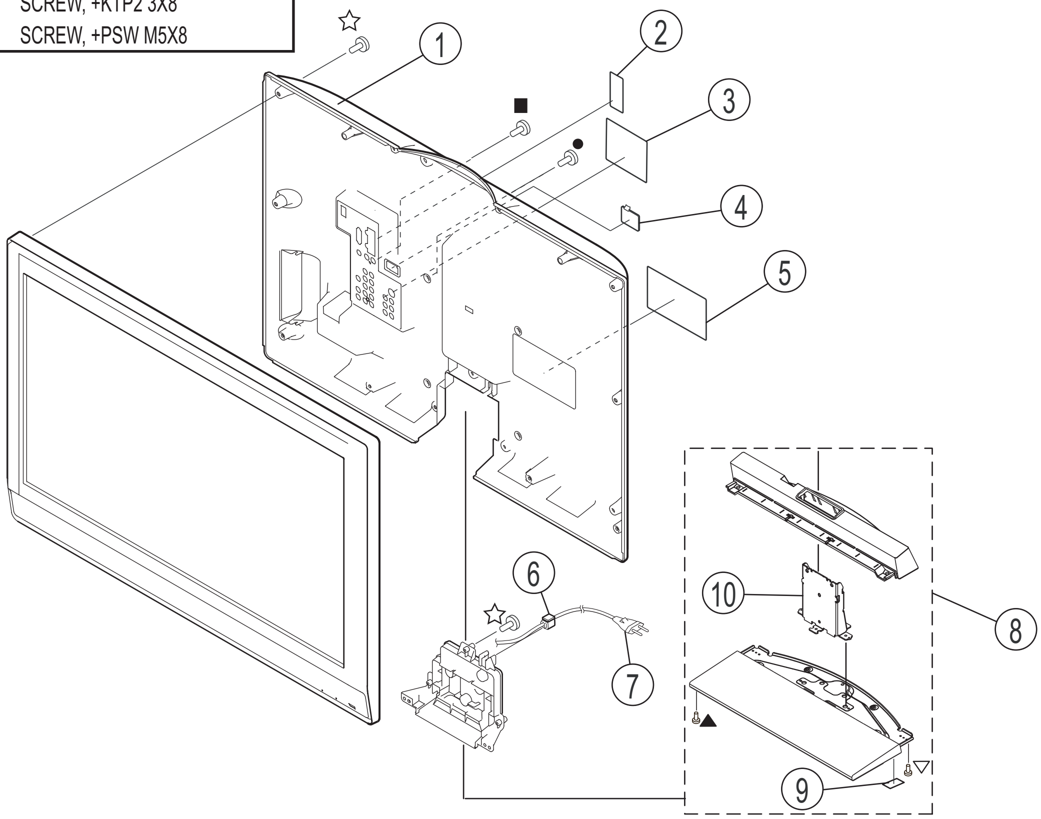
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER ASSEMBLY AND STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
☆	2-580-640-01	SCREW, +BVTP2 4X16
●	2-580-608-01	SCREW, +PSW M5X16
▽	2-580-644-01	SCREW, +KTP2 3X8
▲	2-580-606-01	SCREW, +PSW M5X8



	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
	1	3-210-430-01	COVER, REAR (26) (KDL-26M3000/26ML130 ONLY)	
	1	3-210-439-01	COVER, REAR (32) (KDL-32M3000/32ML130 ONLY)	
	2	3-217-797-01	LABEL, HDMI	
	3	3-213-435-01	LABEL, REAR TERMINAL	
	4	3-210-448-01	COVER, ECS	
*	5	3-270-540-01	LABEL, INFORMATION (KDL-26M3000 US/CND MODEL ONLY)	
*	5	3-270-542-01	LABEL, INFORMATION (KDL-26ML130 ONLY)	
*	5	3-272-480-01	LABEL, INFORMATION (KDL-26M3000 LN/LS MODELS ONLY)	
*	5	3-213-436-01	LABEL, INFORMATION (KDL-32M3000 US/CND MODEL ONLY)	
*	5	3-270-543-01	LABEL, INFORMATION (KDL-32ML130 ONLY)	
*	5	3-272-478-01	LABEL, INFORMATION (KDL-32M3000 LN/LS MODELS ONLY)	
	6	4-022-115-00	HOLDER, AC CORD	
⚠	7	1-834-555-11	AC POWER CORD (WITH CONNECTOR) (KDL-26M3000/26ML130/32M3000/32ML130 US/CND MODELS ONLY)	
⚠	7	1-834-554-11	AC POWER CORD WITH CONNECTOR (KDL-26M3000/32M3000 LN/LS MODELS ONLY)	
	8	A-1274-853-A	STAND ASSEMBLY (MA) (KDL-26M3000/32M3000 ONLY)	[9-10]
	8	A-1318-635-A	STAND ASSEMBLY (MA) (KDL-26ML130/32ML130 ONLY)	[9-10]
	9	3-213-762-01	FOOT (15X30)	
	10	3-106-486-01	NECK (M)	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

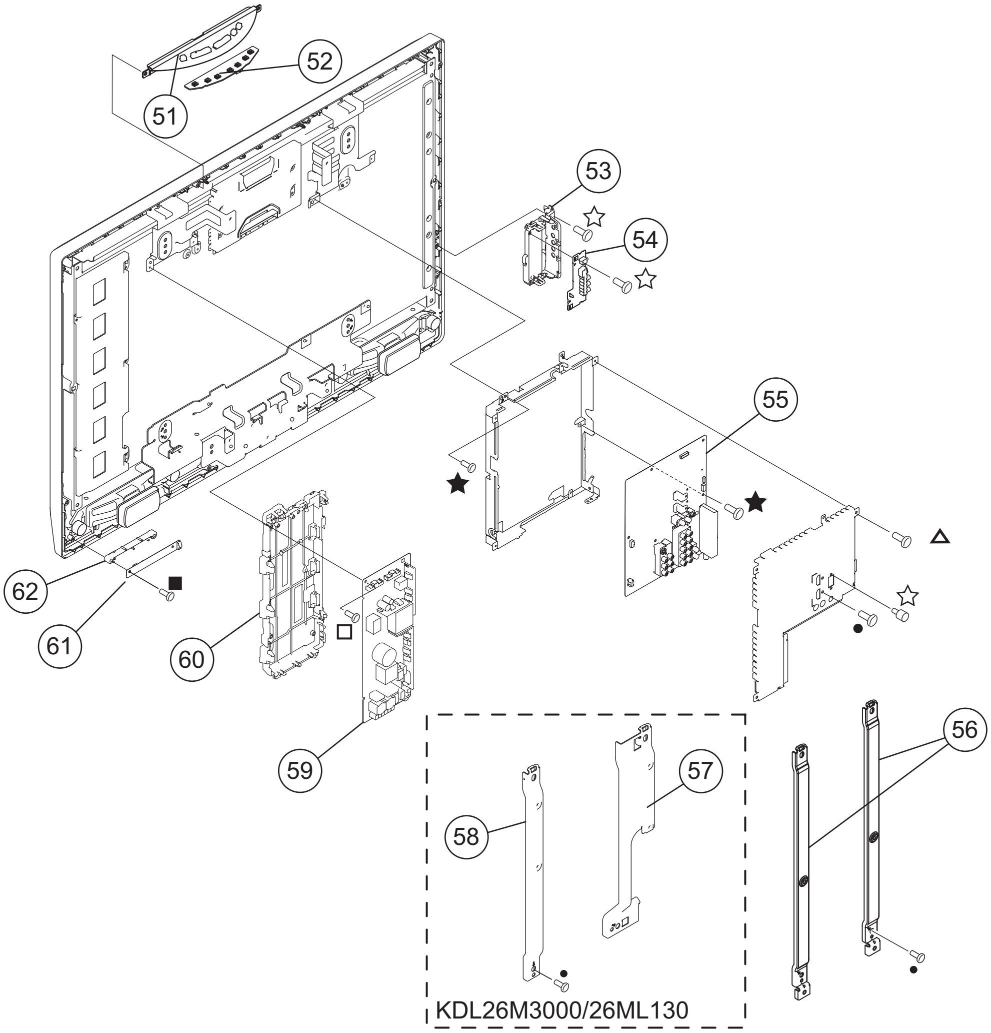
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 TT(B)
★	2-580-629-01	SCREW, +BVST 3X8
△	2-580-591-01	SCREW, +PSW M3X5
●	2-580-608-01	SCREW, +PSW M5X16
□	2-674-965-31	SCREW, +PSW 3SG
☆	4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2186-624-1	BUTTON, MULTI ASSEMBLY	
52	A-1268-471-A	HM1 BOARD, MOUNTED	
53	3-268-323-11	HOLDER, SIDE JACK (S) (KDL-26M3000/26ML130 ONLY)	
53	3-106-473-21	HOLDER, SIDE JACK(M) (KDL-32M3000/32ML130 ONLY)	
54	A-1268-473-A	UM BOARD, MOUNTED	
🔒 55	A-1376-787-A	BM BOARD, MOUNTED (KDL-26M3000/26ML130 ONLY)	
🔒 55	A-1376-788-A	BM BOARD, MOUNTED (KDL-32M3000/32ML130 ONLY)	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
56	X-2177-549-1	VESA ARM(32) ASSEMBLY (KDL-32M3000/32ML130 ONLY)	
57	X-2178-787-1	ARM ASSEMBLY, VESA (26L) (KDL-26M3000/26ML130 ONLY)	
58	X-2178-788-1	ARM ASSEMBLY, VESA (26R) (KDL-26M3000/26ML130 ONLY)	
59	A-1315-710-A	G1M BOARD, MOUNTED	
* 60	3-106-471-11	BRACKET, G1	
61	A-1268-472-A	HM3 BOARD, MOUNTED	
62	3-210-445-01	GUIDE, LIGHT	

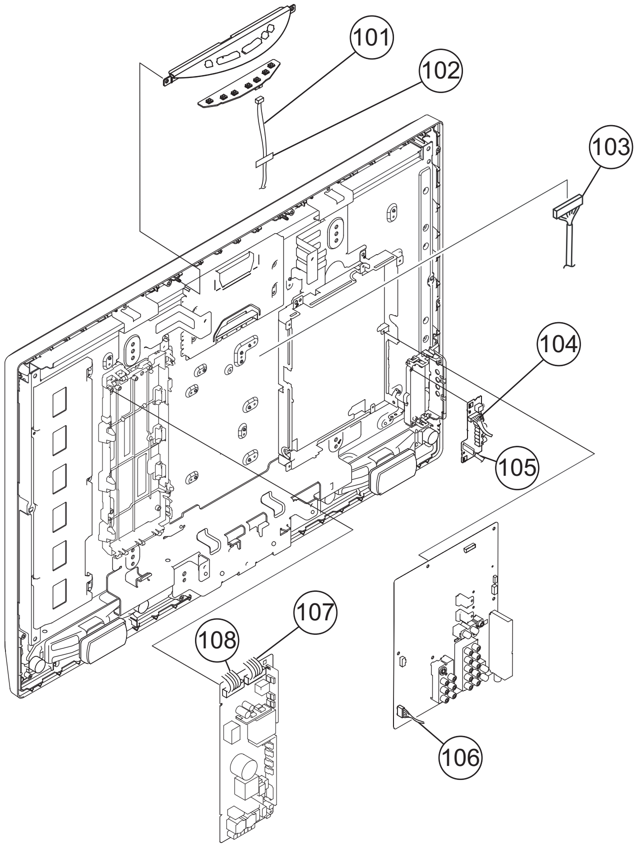
NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)



REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
101	1-910-038-35	CONN ASSEMBLY, 11P MM CRIMP 550 (KDL-26M3000/26ML130 ONLY)
101	1-910-038-28	CONN ASSEMBLY, 11P MM CRIMP 690 (KDL-32M3000/32ML130 ONLY)
102	2-688-062-01	TAPE (LCD)
103	1-834-383-11	LVDS CABLE
104	1-910-038-33	CONN ASSEMBLY, 20P MM CRIMP 210
105	1-910-038-32	WIRE ASSEMBLY, FASTON TERMINAL
106	1-910-038-30	CONN ASSEMBLY, 4P SPEAKER FASTON (KDL-26M3000/26ML130 ONLY)
106	1-910-038-07	FI CONNECTOR ASSEMBLY 30P (KDL-32M3000/32ML130 ONLY)
107	1-910-038-29	CONN ASSEMBLY, 12P MM CRIMP 450
108	1-910-038-36	CONN ASSEMBLY, 14P MM CRIMP 300 (KDL-26M3000/26ML130 ONLY)
108	1-910-038-31	CONN ASSEMBLY, 14P MM CRIMP 420 (KDL-32M3000/32ML130 ONLY)

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

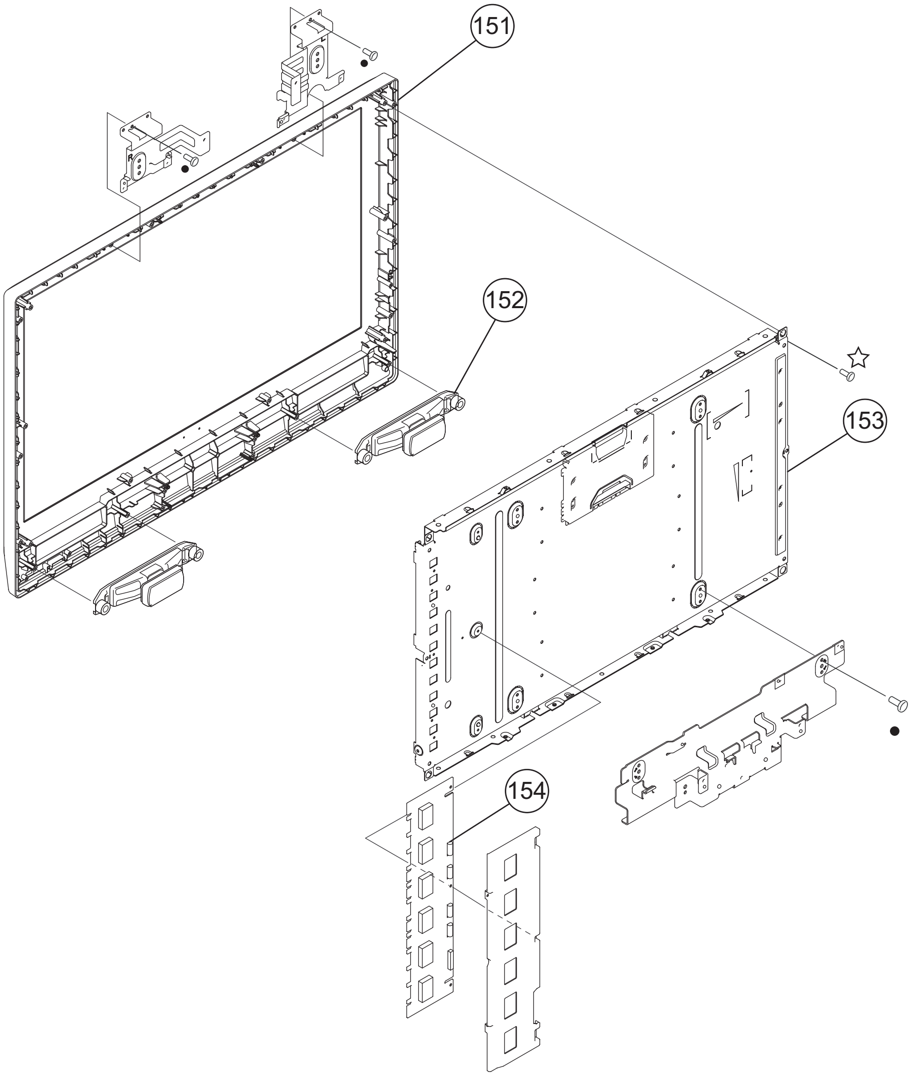
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. BEZEL ASSEMBLY, LCD PANEL AND SPEAKERS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

☆	2-580-654-01	SCREW, +PWTP2 4X16 (KDL-32M3000/32ML130 ONLY)
●	2-580-600-01	SCREW, +PSW M4X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2178-368-1	BEZEL ASSEMBLY (26) (KDL-26M3000 ONLY)	
151	X-2179-761-1	BEZEL ASSEMBLY (26) (KDL-26ML130 ONLY)	
151	X-2178-370-1	BEZEL ASSEMBLY (32) (KDL-32M3000 ONLY)	
151	X-2178-439-1	BEZEL ASSEMBLY (32) (KDL-32ML130 ONLY)	
152	1-826-363-11	LOUDSPEAKER (4.2X15CM)	
153	1-802-268-11	LCD PANEL 26INCH WXGA TFT (KDL-26M3000/26ML130 ONLY)	
153	1-802-494-11	LCD PANEL (32 INCH WXGA TFT) (KDL-32M3000/32ML130 ONLY)	
154	1-789-720-11	ETC-INVERTER MT BOARD (KDL-26M3000/26ML130 ONLY)	
154	1-789-907-11	ETC-INVERTER MT BOARD (KDL-32M3000/32ML130 ONLY)	

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

BM

When ordering parts by reference number, please include the board name.

BM

REF. NO.	PART NO.	DESCRIPTION	VALUES
🔒	**A-1376-787-A**	**BM BOARD, MOUNTED (KDL-26M3000/26ML130 ONLY)**	
🔒	**A-1376-788-A**	**BM BOARD, MOUNTED (KDL-32M3000/32ML130 ONLY)**	
	2-586-175-11	SHEET B, RADIATION	
	4-098-157-01	HEAT SINK (DTT)	

CONTACT TERMINAL

REF. NO.	PART NO.	DESCRIPTION
A7301	1-694-974-21	CONTACT TERMINAL
A7302	1-694-974-21	CONTACT TERMINAL

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1005	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1007	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1010	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1012	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1100	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1102	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1130	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1132	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1403	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1714	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1715	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1722	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1723	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1724	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1725	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C1726	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1727	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1728	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1729	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1730	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C1731	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C1732	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1733	1-165-492-21	ELECT CHIP	100µF	20%	10V
C1736	1-216-296-11	SHORT CHIP			
C1739	1-216-296-11	SHORT CHIP			
C1742	1-216-296-11	SHORT CHIP			
C1745	1-216-296-11	SHORT CHIP			
C1752	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C1753	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C1754	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C1755	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C1756	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C2000	1-126-395-11	ELECT CHIP	22µF	20%	16V
C2069	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2070	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2073	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2074	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2075	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2077	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2078	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2085	1-126-396-11	ELECT CHIP	47µF	20%	16V
C2086	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2090	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2091	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2092	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C2094	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2095	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2096	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C2097	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2098	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C2100	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2101	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2102	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V

BM

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2103	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2104	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2105	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2106	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2107	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2111	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2112	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2114	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2115	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2116	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2117	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2118	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2119	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2123	1-112-797-11	ELECT CHIP	470μF	20%	25V
C2124	1-135-349-21	ELECT CHIP	22μF	20%	20V
C2125	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2126	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2127	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2128	1-135-349-21	ELECT CHIP	22μF	20%	20V
C2129	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2130	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2131	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2132	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2133	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2134	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2135	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2136	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2137	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2138	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2139	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2140	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2141	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2143	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2145	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C2146	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C2149	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2150	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2156	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2157	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2158	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2159	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2160	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2161	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2168	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2169	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2170	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2171	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2172	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2173	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2174	1-135-366-11	ELECT CHIP	100μF	20%	16V
C2175	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2176	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2177	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2178	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2179	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2180	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2181	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2182	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2183	1-124-779-00	ELECT CHIP	10μF	20%	16V
C2185	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2186	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2195	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C2196	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2197	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2198	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2199	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2200	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2201	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C2204	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2205	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2206	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2207	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2208	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2209	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2210	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2211	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2212	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2213	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2214	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2215	1-164-938-11	CERAMIC CHIP	0.0015μF	10%	50V
C2216	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C2217	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2218	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2221	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V
C2223	1-125-889-11	CERAMIC CHIP	2.2μF	10%	10V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3005	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3006	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3007	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3010	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3011	1-126-206-11	ELECT CHIP	100μF	20%	6.3V
C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C3057	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3062	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3063	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3066	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3070	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3072	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3076	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C3081	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3083	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C3084	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3110	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C3112	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3113	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3114	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C3115	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C3116	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C3118	1-126-394-11	ELECT CHIP	10μF	20%	16V
C3119	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C4001	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4030	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C4033	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4034	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C4035	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C4040	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4041	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4042	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4043	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4044	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4045	1-164-935-11	CERAMIC CHIP	470pF	10%	50V
C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4049	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C4501	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4502	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4503	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4504	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4505	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4506	1-100-756-91	CERAMIC CHIP	0.047μF		50V
C4507	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C4508	1-164-174-11	CERAMIC CHIP	0.0082μF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4509	1-100-899-81	CERAMIC CHIP	0.082μF	10%	10V
C4510	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4511	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4512	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4513	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4514	1-100-765-21	ELECT CHIP	10μF	20%	16V
C4515	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4516	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4517	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4518	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4519	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4520	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4521	1-100-765-21	ELECT CHIP	10μF	20%	16V
C4522	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4523	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4524	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4525	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4526	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4527	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4528	1-100-765-21	ELECT CHIP	10μF	20%	16V
C4529	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4530	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4531	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4532	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4533	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4534	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4538	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4539	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4540	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4544	1-126-210-21	ELECT CHIP	220μF	20%	4V
C4545	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4546	1-100-588-21	ELECT CHIP	1000μF	20%	6.3V
C4547	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C4548	1-100-588-21	ELECT CHIP	1000μF	20%	6.3V
C4549	1-128-396-11	ELECT CHIP	470μF	20%	10V
C5002	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5005	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5006	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5008	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C5009	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5502	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C5505	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C5509	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C5510	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C5528	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5529	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5530	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5531	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5623	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5624	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5625	1-125-777-11	CERAMIC CHIP	0.1µF	10%	10V
C5626	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5627	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5628	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5629	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5630	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5631	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5632	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5633	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5634	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5635	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V
C5636	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5637	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7000	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7001	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7002	1-117-681-11	ELECT CHIP	100µF	20%	16V
C7003	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C7004	1-128-536-11	ELECT CHIP	100µF	20%	25V
C7005	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V
C7006	1-112-794-11	ELECT CHIP	470µF	20%	16V
C7007	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7008	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C7009	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C7010	1-127-820-11	CERAMIC CHIP	4.7µF	10%	16V
C7011	1-112-789-11	ELECT CHIP	1000µF	20%	6.3V
C7012	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C7015	1-100-588-21	ELECT CHIP	1000µF	20%	6.3V
C7019	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7020	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220µF	20%	4V
C7023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7024	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7026	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7029	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7030	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7033	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7037	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7038	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7039	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7041	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7042	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7043	1-165-887-91	CERAMIC CHIP	0.22µF	10%	6.3V
C7044	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7045	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7046	1-164-937-11	CERAMIC CHIP	0.001µF	10%	50V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7051	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7052	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7053	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7054	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7055	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7056	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7057	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7058	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7059	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7060	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7061	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7062	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7064	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C7065	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7066	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7067	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7068	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C7073	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7074	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7075	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7076	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C7077	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C7078	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7079	1-165-875-11	CERAMIC CHIP	10µF	10%	10V
C7080	1-100-055-11	CERAMIC CHIP	22µF	20%	16V
C7081	1-100-055-11	CERAMIC CHIP	22µF	20%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7086	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7087	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7088	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7089	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7090	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7091	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7092	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7093	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7094	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C7100	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7106	1-112-794-11	ELECT CHIP	470μF	20%	16V
C7107	1-100-588-21	ELECT CHIP	1000μF	20%	6.3V
C7200	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7201	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7202	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7203	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7204	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7205	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7208	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7209	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7211	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7215	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7216	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7217	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7218	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7219	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7220	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7224	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7225	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7226	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7229	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7230	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7231	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7232	1-114-148-11	CERAMIC CHIP	1μF		6.3V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7233	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7234	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7235	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7236	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7237	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7238	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7239	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7240	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7241	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7242	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7243	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7248	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7251	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7252	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7253	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7255	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7256	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7257	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7258	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7259	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7260	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7261	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7262	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7263	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7264	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7267	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7268	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7269	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7270	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7271	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7272	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7273	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7274	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7275	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7276	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7277	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7278	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7279	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7280	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7300	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7301	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7302	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7303	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7305	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7306	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7403	1-100-506-91	CERAMIC CHIP	1μF	20%	6.3V
C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7411	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7412	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7413	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7422	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7424	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7425	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C7430	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7431	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7432	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7433	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7501	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7505	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7506	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7507	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7509	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7510	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7511	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V
C7512	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C7513	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7514	1-165-875-11	CERAMIC CHIP	10μF	10%	10V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7720	1-125-837-91	CERAMIC CHIP	1μF	10%	6.3V
C7800	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7801	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7804	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7805	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7807	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7808	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7809	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7810	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7811	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7812	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7813	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7814	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7815	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7816	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7817	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7818	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7819	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7831	1-107-819-11	CERAMIC CHIP	0.022μF	10%	16V
C7832	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
C7833	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7842	1-100-581-81	CERAMIC CHIP	0.0047μF	10%	50V
C7844	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7845	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7846	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7847	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V
C7848	1-100-588-21	ELECT CHIP	1000μF	20%	6.3V
C7849	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7850	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7852	1-128-396-11	ELECT CHIP	470μF	20%	10V
C7853	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7854	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7855	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V
C7856	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7857	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V
C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7862	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C7863	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7864	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7866	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7870	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7871	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7878	1-128-396-11	ELECT CHIP	470μF	20%	10V
C7879	1-162-995-11	CERAMIC CHIP	0.022μF		50V
C7950	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7951	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V
C7952	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7953	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7954	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7956	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7958	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7959	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C9100	1-126-210-21	ELECT CHIP	220μF	20%	4V
C9101	1-126-210-21	ELECT CHIP	220μF	20%	4V
C9105	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9106	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9107	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9108	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9110	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9111	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9112	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9113	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9114	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9115	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9116	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9117	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9118	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9119	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9121	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9122	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9123	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9124	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9125	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9126	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9127	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9128	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9129	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9130	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9131	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9132	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9133	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9134	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9135	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9136	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9137	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C9138	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9139	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C9140	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9143	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C9144	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9145	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9146	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C9147	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9149	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9150	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9151	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C9152	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C9153	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9154	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C9155	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9156	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9157	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9158	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C9159	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9160	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9161	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C9162	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C9163	1-164-315-11	CERAMIC CHIP	470pF	5%	50V

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
		CONNECTOR			
*	CN1400	1-819-928-11	HEADER ASSENBLY		20P
*	CN2000	1-819-461-11	HEADER ASSEMBLY FOR PWB		
	CN3004	1-779-936-51	CONNECTOR, FFC/FPC		18P
*	CN3008	1-820-188-11	HEADER ASSEMBLY (PRINT PWB)		11P
*	CN4001	1-820-550-11	HEADER ASSEMBLY FOR PWB		
	CN5000	1-821-013-11	D SUB CONNECTOR		
*	CN7301	1-819-333-11	HEADER ASSEMBLY FOR PWB		
	CN7303	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)		10P
*	CN7600	1-793-141-21	PIN, CONNECTOR (PC BOARD)		15P
*	CN9102	1-818-656-21	HEADER ASSEMBLY		30P
		DIODE			
	D1013	8-719-423-03	DIODE	MA8100	
	D1014	8-719-423-03	DIODE	MA8100	
	D1015	8-719-423-03	DIODE	MA8100	
	D1016	8-719-423-03	DIODE	MA8100	
	D1019	8-719-423-03	DIODE	MA8100	
	D1020	8-719-423-03	DIODE	MA8100	
	D1021	8-719-423-03	DIODE	MA8100	
	D2002	8-719-404-50	DIODE	MA111-TX	
	D2008	8-719-404-50	DIODE	MA111-TX	
⚠	D2014	6-500-028-01	DIODE	MM3Z9V1ST1	
	D2017	8-719-050-37	DIODE	M1MA152WA-T1	
	D2018	8-719-977-28	DIODE	DTZ10B	
	D2019	8-719-977-28	DIODE	DTZ10B	
	D2020	8-719-422-46	DIODE	MA8056	
	D2021	8-719-422-46	DIODE	MA8056	
	D2022	8-719-422-46	DIODE	MA8056	
	D3002	8-719-071-87	DIODE	MA785-(TX),SO	
	D3007	8-719-077-59	DIODE	1PS302	
	D3020	8-719-422-46	DIODE	MA8056	
	D3021	8-719-422-46	DIODE	MA8056	
	D4012	8-719-017-89	DIODE	MA8150-TX	
	D5000	8-719-422-46	DIODE	MA8056	
	D5001	8-719-422-46	DIODE	MA8056	
	D5002	8-719-422-46	DIODE	MA8056	
	D5003	8-719-050-38	DIODE	M1MA152WK-T1	
	D5506	6-500-701-01	DIODE	PGB1010603NR	
	D5508	8-719-081-97	DIODE	MMDL914T1	
	D5509	6-500-701-01	DIODE	PGB1010603NR	
	D5513	6-500-701-01	DIODE	PGB1010603NR	
	D5516	8-719-081-97	DIODE	MMDL914T1	
	D5517	6-500-701-01	DIODE	PGB1010603NR	
	D5525	1-216-864-11	SHORT CHIP		
	D5528	1-216-864-11	SHORT CHIP		
	D7000	8-719-081-97	DIODE	MMDL914T1	
	D7001	8-719-988-61	DIODE	1SS355TE-17	
	D7002	6-500-253-01	DIODE	RB053L-30TE25	
	D7003	8-719-977-28	DIODE	DTZ10B	
	D7004	8-719-977-12	DIODE	DTZ6.8B	
	D7008	8-719-083-58	DIODE	UDZSNPTE-173.9B	
	D7010	8-719-081-34	DIODE	RB160M-30TR	
	D7013	8-719-081-34	DIODE	RB160M-30TR	
	D7019	6-500-253-01	DIODE	RB053L-30TE25	
	D7201	8-719-081-97	DIODE	MMDL914T1	
	D7500	8-719-073-34	DIODE	EC21QS03L-TE12L	
	D7801	8-719-058-24	DIODE	RB501V-40TE-17	
	D7802	8-719-422-46	DIODE	MA8056	
	D7803	8-719-422-46	DIODE	MA8056	
		EARTH TERMINAL			
	ET4001	1-780-482-11	EARTH TERMINAL		
	ET4002	1-780-482-11	EARTH TERMINAL		
	ET4003	1-780-482-11	EARTH TERMINAL		
	ET4004	1-780-482-11	EARTH TERMINAL		
	ET4005	1-780-482-11	EARTH TERMINAL		
	ET4006	1-780-482-11	EARTH TERMINAL		
	ET4007	1-780-482-11	EARTH TERMINAL		
*	ET4012	1-780-431-11	ON-BOARD CONTACT		
*	ET4013	1-780-431-11	ON-BOARD CONTACT		
		FUSE			
	F2000	1-576-958-21	FUSE	4A	24V
	F3001	1-576-646-11	FUSE	0.5A	50V
	F4001	1-576-933-21	FUSE	5A	24V
⚠	F7000	1-576-603-21	FUSE	3.15A	24V
		FERRITE BEAD			
	FB1700	1-216-864-11	SHORT CHIP		
	FB1701	1-412-983-31	INDUCTOR	2.2μH	
	FB2000	1-400-212-22	FERRITE	0μH	
	FB2006	1-400-089-21	FERRITE	0μH	
	FB2007	1-400-089-21	FERRITE	0μH	
	FB2008	1-400-089-21	FERRITE	0μH	
	FB2009	1-400-089-21	FERRITE	0μH	
	FB2010	1-400-089-21	FERRITE	0μH	

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BM

REF. NO.	PART NO.	DESCRIPTION	VALUES
FB2012	1-400-089-21	FERRITE	0μH
FB2013	1-400-089-21	FERRITE	0μH
FB2014	1-400-089-21	FERRITE	0μH
FB4001	1-400-089-21	FERRITE	0μH
FB4002	1-400-110-21	FERRITE	0μH
FB4003	1-400-089-21	FERRITE	0μH
FB4005	1-414-445-11	FERRITE	0μH
FB4006	1-414-445-11	FERRITE	0μH
FB4007	1-414-445-11	FERRITE	0μH
FB4008	1-400-591-22	FERRITE	0μH
FB4009	1-400-591-22	FERRITE	0μH
FB4010	1-400-591-22	FERRITE	0μH
FB4011	1-400-591-22	FERRITE	0μH
FB4013	1-400-089-21	FERRITE	0μH
FB4501	1-412-983-31	INDUCTOR	2.2μH
FB4502	1-469-555-21	INDUCTOR	10μH
FB5000	1-469-100-21	FERRITE	0μH
FB5001	1-469-100-21	FERRITE	0μH
FB5002	1-469-100-21	FERRITE	0μH
FB5004	1-469-100-21	FERRITE	0μH
FB5005	1-400-141-22	FERRITE	0μH
FB7000	1-400-794-21	FERRITE	0μH
FB7003	1-400-089-21	FERRITE	0μH
⚠ FB7200	1-414-229-11	FERRITE	0μH
⚠ FB7201	1-414-229-11	FERRITE	0μH
FB7202	1-414-229-11	FERRITE	0μH
FB7203	1-414-229-11	FERRITE	0μH
FB7204	1-414-229-11	FERRITE	0μH
FB7300	1-400-089-21	FERRITE	0μH
FB7301	1-400-089-21	FERRITE	0μH
FB7302	1-414-229-11	FERRITE	0μH
FB7303	1-414-229-11	FERRITE	0μH
FB7400	1-414-229-11	FERRITE	0μH
⚠ FB7700	1-414-229-11	FERRITE	0μH
FB7701	1-414-229-11	FERRITE	0μH
FB7800	1-414-229-11	FERRITE	0μH
FB7801	1-218-990-81	SHORT CHIP	
FB7802	1-218-990-81	SHORT CHIP	
FB7803	1-469-084-21	FERRITE	0MH
FB7804	1-469-083-21	FERRITE	0μH
FB7805	1-469-083-21	FERRITE	0μH
FB7806	1-469-083-21	FERRITE	0μH

REF. NO.	PART NO.	DESCRIPTION	VALUES
FB7807	1-469-083-21	FERRITE	0μH
FB7808	1-400-198-21	FERRITE	0μH
FB7809	1-400-198-21	FERRITE	0μH
FB9101	1-400-089-21	FERRITE	0μH

FILTER

REF. NO.	PART NO.	DESCRIPTION	VALUES
FL3001	1-234-177-21	FERRITE	0μH
FL5501	1-234-177-21	FERRITE	0μH
FL5502	1-234-177-21	FERRITE	0μH

IC

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC1001	8-759-548-56	IC	M52055FP
IC2004	8-759-278-58	IC	NJM4558V-TE2
IC2005	8-759-460-79	IC	BA09FP-E2
IC2006	8-759-278-58	IC	NJM4558V-TE2
IC2008	6-709-927-01	IC	RT8H225C-TP-2
IC2009	6-710-904-01	IC	TPA3100D2PHPR
IC2010	8-759-359-49	IC	NJM3414AV(TE2)
IC2011	6-709-927-01	IC	RT8H225C-TP-2
IC2013	6-701-105-01	IC	NJM2750M-TE2
IC2014	6-707-181-01	IC	AK5366VQ-L
IC2015	6-704-819-01	IC	CS4335-KSZR
IC2016	6-704-819-01	IC	CS4335-KSZR
IC3005	6-704-607-01	IC	M24C16-WMN6T(B)
IC3007	6-709-731-01	IC	ADT75ARZ-REEL
IC3009	6-709-517-01	IC	S-35390A-J8T1G
IC3010	6-801-402-01	IC	BD4729GTR
IC3011	6-806-734-01	IC	MB95F118ASPMT-G-SPE1
⚠ IC4501	6-711-281-01	IC	AD9380KSTZ-100
IC5000	6-704-600-01	IC	M24C02-WMN6T(B)
IC5001	6-707-846-01	IC	TC74LCX14FT(EKJ)
IC5501	6-704-001-01	IC	BR24L02F-WE2
IC5503	6-704-001-01	IC	BR24L02F-WE2
IC5511	6-708-758-01	IC	PCA9517DP.118
IC5512	8-759-596-34	IC	SN74LV4053APWR
IC5513	8-753-255-97	IC	CXB1441R-T4
IC7000	6-702-142-01	IC	PQ1CY1032ZP
IC7001	6-708-171-01	IC	MIC5235YM5TR
IC7002	6-703-708-01	IC	LM2903DT
IC7003	6-703-175-01	IC	PST3629UL
⚠ IC7004	6-709-075-01	IC	TPS5124DBTRG4
⚠ IC7005	6-709-075-01	IC	TPS5124DBTRG4
IC7006	6-707-739-01	IC	MM1661JTRE
IC7300	6-711-353-01	IC	100CK2254
IC7301	6-700-631-01	IC	TPS2051ADR
IC7400	6-711-198-01	IC	HYB18TC512160BF-2.5

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	REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC7501	6-709-504-01	IC	K9F5608U0D-PCB0T
⚠	IC7503	6-807-556-01	IC	M25P40-VMN6TP
	IC7504	8-759-675-48	IC	SN74LVC32APWR
	IC7505	6-705-468-01	IC	BA33BC0FP-E2
	IC7506	6-703-038-01	IC	CD74HC4538PWR
	IC7950	8-759-338-95	IC	NJM2903V(TE2)
	IC9100	6-702-973-01	IC	CXD9690Q
	IC9102	6-704-519-01	IC	THC63LVD103
	IC9105	6-701-680-01	IC	PST3629NR

JACK

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	J1000	1-780-487-11	S TERMINAL BLOCK	
	J1100	1-821-064-11	PHONO JACK	10P
	J1701	1-820-765-11	PHONO JACK	2P
	J1710	1-820-638-11	JACK (SMALL TYPE)	
*	J1722	1-821-418-11	PIN JACK BLOCK	1P
	J5505	1-818-737-11	HDMI CONNECTOR	
	J5506	1-818-737-11	HDMI CONNECTOR	

COIL

REF. NO.	PART NO.	DESCRIPTION	VALUES
L1001	1-469-555-21	INDUCTOR	10µH
L1007	1-412-983-31	INDUCTOR	2.2µH
L2005	1-469-555-21	INDUCTOR	10µH
L2011	1-469-555-21	INDUCTOR	10µH
L2015	1-469-555-21	INDUCTOR	10µH
L2016	1-481-083-11	INDUCTOR	22µH
L2017	1-412-058-11	INDUCTOR	10µH
L2018	1-457-429-11	INDUCTOR	22µH
L2019	1-457-429-11	INDUCTOR	22µH
L2022	1-469-555-21	INDUCTOR	10µH
L2023	1-216-864-11	SHORT CHIP	
L2025	1-469-555-21	INDUCTOR	10µH
L2026	1-457-429-11	INDUCTOR	22µH
L2027	1-457-429-11	INDUCTOR	22µH
L3002	1-400-794-21	FERRITE	0µH
L4501	1-469-555-21	INDUCTOR	10µH
L4502	1-469-555-21	INDUCTOR	10µH
L4503	1-469-555-21	INDUCTOR	10µH
L4504	1-469-555-21	INDUCTOR	10µH
L4505	1-469-555-21	INDUCTOR	10µH
L5005	1-457-223-11	INDUCTOR	0µH
L5006	1-457-223-11	INDUCTOR	0µH
L5007	1-457-223-11	INDUCTOR	0µH
L5008	1-457-223-11	INDUCTOR	0µH
L5501	1-457-223-11	INDUCTOR	0µH
L5502	1-457-223-11	INDUCTOR	0µH
L5503	1-457-223-11	INDUCTOR	0µH
L5504	1-457-223-11	INDUCTOR	0µH
L7001	1-457-242-11	INDUCTOR	47µH
L7002	1-424-976-21	INDUCTOR	47µH
L7004	1-424-922-21	INDUCTOR	10µH
L7005	1-424-922-21	INDUCTOR	10µH
L7006	1-400-325-11	INDUCTOR	5.6µH
L7007	1-400-281-11	INDUCTOR	10µH
L7201	1-400-180-21	FERRITE	0µH
L7300	1-400-284-21	INDUCTOR	0µH
L7431	1-400-180-21	FERRITE	0µH
L7720	1-400-180-21	FERRITE	0µH
L7800	1-412-973-11	INDUCTOR	0.33µH
L7801	1-412-971-31	INDUCTOR	0.22µH
L7802	1-412-971-31	INDUCTOR	0.22µH
L7805	1-412-973-11	INDUCTOR	0.33µH
L7806	1-412-974-41	INDUCTOR	0.39µH
L7807	1-412-974-41	INDUCTOR	0.39µH
L7808	1-469-555-21	INDUCTOR	10µH
L7809	1-412-972-31	INDUCTOR	0.27µH
L7810	1-412-972-31	INDUCTOR	0.27µH
L7811	1-469-555-21	INDUCTOR	10µH
L7812	1-469-555-21	INDUCTOR	10µH
L7813	1-469-555-21	INDUCTOR	10µH
L7814	1-469-555-21	INDUCTOR	10µH
L7815	1-469-555-21	INDUCTOR	10µH
L7817	1-400-180-21	FERRITE	0µH
L7818	1-400-180-21	FERRITE	0µH
L7819	1-469-555-21	INDUCTOR	10µH
L7820	1-400-180-21	FERRITE	0µH
L7821	1-400-180-21	FERRITE	0µH
L7822	1-400-180-21	FERRITE	0µH
L7824	1-400-180-21	FERRITE	0µH
L7825	1-400-180-21	FERRITE	0µH
L7826	1-400-180-21	FERRITE	0µH
L7827	1-400-180-21	FERRITE	0µH
L9100	1-469-555-21	INDUCTOR	10µH
L9101	1-412-029-11	INDUCTOR	10µH
L9103	1-469-555-21	INDUCTOR	10µH
L9104	1-469-555-21	INDUCTOR	10µH
L9105	1-469-555-21	INDUCTOR	10µH
L9106	1-456-984-11	INDUCTOR	0µH
L9107	1-456-984-11	INDUCTOR	0µH
L9108	1-456-984-11	INDUCTOR	0µH

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REF. NO.	PART NO.	DESCRIPTION	VALUES
L9109	1-456-984-11	INDUCTOR	0μH
L9110	1-456-984-11	INDUCTOR	0μH
L9111	1-400-177-21	FERRITE	0μH
	IC LINK		
PS5000	1-576-646-11	FUSE	0.5A 50V
⚠ PS7000	1-576-925-11	IC LINK	3.15A 0V
⚠ PS7001	1-576-925-11	IC LINK	3.15A 0V
	TRANSISTOR		
Q1007	8-729-422-27	TRANSISTOR	2SD601A-Q
Q2006	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q2007	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2008	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2018	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2019	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2020	6-551-364-01	TRANSISTOR	DTC614TUT106
Q2021	8-729-422-27	TRANSISTOR	2SD601A-Q
Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4011	8-729-907-00	TRANSISTOR	DTC114EU
Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4017	8-729-028-97	TRANSISTOR	DTC114TUA-T106
Q4018	8-729-054-36	TRANSISTOR	UPA1716G-E2
Q4501	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q4502	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q4503	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q5624	8-729-907-00	TRANSISTOR	DTC114EU
Q5625	8-729-907-00	TRANSISTOR	DTC114EU
⚠ Q7000	8-729-046-04	TRANSISTOR	FDS6690A
⚠ Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL
⚠ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q7802	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
Q7803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q7807	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q9100	8-729-600-22	TRANSISTOR	2SA1235-F
Q9101	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
	RESISTOR		
R1012	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1013	1-218-990-81	SHORT CHIP	
R1014	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1015	1-218-990-81	SHORT CHIP	
R1016	1-218-990-81	SHORT CHIP	
R1021	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1022	1-218-990-81	SHORT CHIP	
R1023	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1024	1-218-990-81	SHORT CHIP	
R1025	1-218-990-81	SHORT CHIP	
R1102	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1103	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1104	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1105	1-218-933-11	RES-CHIP	22 5% 1/16W
R1106	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1107	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1108	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1109	1-218-933-11	RES-CHIP	22 5% 1/16W
R1110	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1111	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1112	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1113	1-218-933-11	RES-CHIP	22 5% 1/16W
R1114	1-218-990-81	SHORT CHIP	
R1115	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1116	1-218-990-81	SHORT CHIP	
R1117	1-218-985-11	RES-CHIP	470K 5% 1/16W
R1132	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1133	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1134	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1135	1-218-933-11	RES-CHIP	22 5% 1/16W
R1136	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1137	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1138	1-218-831-11	METAL CHIP	220 0.50% 1/10W
R1139	1-218-933-11	RES-CHIP	22 5% 1/16W
R1140	1-218-831-11	METAL CHIP	220 0.50% 1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1141	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1142	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1143	1-218-933-11	RES-CHIP	22	5%	1/16W
R1144	1-218-990-81	SHORT CHIP			
R1145	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1146	1-218-990-81	SHORT CHIP			
R1147	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1401	1-216-864-11	SHORT CHIP			
R1402	1-218-990-81	SHORT CHIP			
R1403	1-218-990-81	SHORT CHIP			
R1404	1-218-990-81	SHORT CHIP			
R1405	1-218-990-81	SHORT CHIP			
R1406	1-218-990-81	SHORT CHIP			
R1408	1-216-864-11	SHORT CHIP			
R1700	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1701	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1702	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1703	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1710	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1711	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1712	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1713	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1720	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1721	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1722	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1723	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1726	1-216-864-11	SHORT CHIP			
R1727	1-216-864-11	SHORT CHIP			
R1728	1-216-864-11	SHORT CHIP			
R1822	1-218-990-81	SHORT CHIP			
R1832	1-218-990-81	SHORT CHIP			
R1833	1-218-990-81	SHORT CHIP			
R1836	1-218-990-81	SHORT CHIP			
R1839	1-218-990-81	SHORT CHIP			
R1842	1-218-990-81	SHORT CHIP			
R1845	1-218-990-81	SHORT CHIP			
R1848	1-218-990-81	SHORT CHIP			
R1850	1-216-809-11	METAL CHIP	100	5%	1/10W
R1859	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1866	1-216-864-11	SHORT CHIP			
R1867	1-216-864-11	SHORT CHIP			
R1868	1-216-864-11	SHORT CHIP			
R1869	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1870	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1871	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1876	1-216-864-11	SHORT CHIP			
R1877	1-216-864-11	SHORT CHIP			
R1878	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1885	1-216-864-11	SHORT CHIP			
R1886	1-216-864-11	SHORT CHIP			
R1887	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1894	1-216-864-11	SHORT CHIP			
R1914	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1915	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1916	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1917	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1918	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1919	1-218-941-81	RES-CHIP	100	5%	1/16W
R1920	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R1922	1-218-990-81	SHORT CHIP			
R1923	1-218-990-81	SHORT CHIP			
R1924	1-216-864-11	SHORT CHIP			
R1925	1-216-864-11	SHORT CHIP			
R1926	1-216-864-11	SHORT CHIP			
R1927	1-216-864-11	SHORT CHIP			
R1928	1-216-864-11	SHORT CHIP			
R1929	1-216-864-11	SHORT CHIP			
R1930	1-216-864-11	SHORT CHIP			
R1931	1-216-864-11	SHORT CHIP			
R1932	1-216-864-11	SHORT CHIP			
R1933	1-216-864-11	SHORT CHIP			
R1934	1-216-864-11	SHORT CHIP			
R1935	1-216-864-11	SHORT CHIP			
R1936	1-216-864-11	SHORT CHIP			
R1937	1-216-864-11	SHORT CHIP			
R1938	1-216-864-11	SHORT CHIP			
R1939	1-216-864-11	SHORT CHIP			
R1940	1-216-295-91	SHORT CHIP			
R1941	1-216-295-91	SHORT CHIP			
R1942	1-216-295-91	SHORT CHIP			
R1943	1-216-295-91	SHORT CHIP			
R1944	1-216-295-91	SHORT CHIP			
R1945	1-216-295-91	SHORT CHIP			
R1946	1-216-295-91	SHORT CHIP			
R2110	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2111	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2112	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2113	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2114	1-216-864-11	SHORT CHIP			
R2116	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2117	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2118	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2120	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2121	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2122	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2126	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2129	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R2133	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2141	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2142	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R2143	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2145	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R2147	1-218-990-81	SHORT CHIP			
R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2170	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2179	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2181	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2186	1-216-813-11	METAL CHIP	220	5%	1/10W
R2187	1-216-813-11	METAL CHIP	220	5%	1/10W
R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2199	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2201	1-218-990-81	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2205	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2210	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2211	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2214	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2215	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2216	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2217	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2222	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2227	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2228	1-469-083-21	FERRITE	0μH		
R2229	1-469-083-21	FERRITE	0μH		
R2230	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2231	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2232	1-469-083-21	FERRITE	0μH		
R2233	1-469-083-21	FERRITE	0μH		
R2234	1-216-833-11	METAL CHIP	10K	5%	1/10W
R2235	1-216-813-11	METAL CHIP	220	5%	1/10W
R2236	1-216-807-11	METAL CHIP	68	5%	1/10W
R2237	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2238	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2239	1-216-821-11	METAL CHIP	1K	5%	1/10W
R2249	1-218-941-81	RES-CHIP	100	5%	1/16W
R2250	1-218-990-81	SHORT CHIP			
R2251	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2252	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2253	1-218-990-81	SHORT CHIP			
R2254	1-218-990-81	SHORT CHIP			
R2257	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2258	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2259	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2260	1-218-982-11	RES-CHIP	270K	5%	1/16W
R2261	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2262	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2263	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2264	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2265	1-218-950-11	RES-CHIP	560	5%	1/16W
R2266	1-218-950-11	RES-CHIP	560	5%	1/16W
R2267	1-218-950-11	RES-CHIP	560	5%	1/16W
R2268	1-218-950-11	RES-CHIP	560	5%	1/16W
R2269	1-218-941-81	RES-CHIP	100	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W
R2271	1-218-941-81	RES-CHIP	100	5%	1/16W
R2272	1-218-941-81	RES-CHIP	100	5%	1/16W
R2273	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2274	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2275	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2276	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2277	1-218-990-81	SHORT CHIP			
R2278	1-218-990-81	SHORT CHIP			
R2281	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R2282	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2283	1-218-990-81	SHORT CHIP			
R3010	1-218-990-81	SHORT CHIP			
R3031	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3073	1-218-990-81	SHORT CHIP			
R3087	1-218-990-81	SHORT CHIP			
R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3146	1-218-941-81	RES-CHIP	100	5%	1/16W
R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R3201	1-218-990-81	SHORT CHIP			
R3218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3223	1-218-945-11	RES-CHIP	220	5%	1/16W
R3243	1-218-941-81	RES-CHIP	100	5%	1/16W
R3247	1-218-990-81	SHORT CHIP			
R3249	1-218-935-11	RES-CHIP	33	5%	1/16W
R3255	1-400-591-22	FERRITE	0μH		
R3256	1-400-591-22	FERRITE	0μH		
R3257	1-400-591-22	FERRITE	0μH		
R3258	1-400-591-22	FERRITE	0μH		
R3260	1-400-591-22	FERRITE	0μH		
R3261	1-400-591-22	FERRITE	0μH		
R3262	1-400-591-22	FERRITE	0μH		
R3264	1-400-591-22	FERRITE	0μH		
R3265	1-400-591-22	FERRITE	0μH		
R3267	1-216-864-11	SHORT CHIP			
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W
R3515	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3516	1-216-809-11	METAL CHIP	100	5%	1/10W
R3517	1-218-989-11	RES-CHIP	1M	5%	1/16W
R3519	1-216-809-11	METAL CHIP	100	5%	1/10W
R3524	1-218-990-81	SHORT CHIP			
R3526	1-216-864-11	SHORT CHIP			
R3527	1-218-941-81	RES-CHIP	100	5%	1/16W
R3528	1-218-990-81	SHORT CHIP			
R3533	1-216-864-11	SHORT CHIP			
R3534	1-216-864-11	SHORT CHIP			
R3539	1-218-990-81	SHORT CHIP			
R3541	1-218-990-81	SHORT CHIP			
R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W
R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W
R4043	1-218-979-11	RES-CHIP	150K	5%	1/16W
R4045	1-216-864-11	SHORT CHIP			
R4047	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4061	1-218-983-11	RES-CHIP	330K	5%	1/16W
R4063	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R4064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4065	1-218-971-11	RES-CHIP	33K	5%	1/16W
R4067	1-218-990-81	SHORT CHIP			
R4545	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4546	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4547	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R4551	1-216-864-11	SHORT CHIP			
R4552	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R4553	1-218-289-11	METAL CHIP	510	5%	1/10W
R4554	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4555	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4556	1-216-801-11	METAL CHIP	22	5%	1/10W
R4557	1-216-801-11	METAL CHIP	22	5%	1/10W
R4558	1-216-801-11	METAL CHIP	22	5%	1/10W
R4559	1-216-801-11	METAL CHIP	22	5%	1/10W
R4560	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4561	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4562	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4563	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4564	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4565	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4575	1-216-864-11	SHORT CHIP			
R4576	1-216-864-11	SHORT CHIP			
R4577	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4578	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4579	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4580	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5014	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5015	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5017	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W
R5504	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W
R5512	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5513	1-218-941-81	RES-CHIP	100	5%	1/16W
R5514	1-218-941-81	RES-CHIP	100	5%	1/16W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5521	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5525	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5527	1-218-941-81	RES-CHIP	100	5%	1/16W
R5528	1-218-941-81	RES-CHIP	100	5%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W
R5534	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5535	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5536	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5539	1-218-990-81	SHORT CHIP			
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W
R5557	1-218-990-81	SHORT CHIP			
R5580	1-216-295-91	SHORT CHIP			
R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5637	1-218-990-81	SHORT CHIP			
R5638	1-218-990-81	SHORT CHIP			
R5642	1-216-864-11	SHORT CHIP			
R5644	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5645	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5648	1-216-864-11	SHORT CHIP			
R5658	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5660	1-218-990-81	SHORT CHIP			
R5671	1-218-941-81	RES-CHIP	100	5%	1/16W
R7000	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7001	1-216-815-11	METAL CHIP	330	5%	1/10W
R7002	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7003	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7005	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7006	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W
R7007	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R7008	1-218-873-11	METAL CHIP	12K	0.50%	1/10W
R7009	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R7012	1-216-295-91	SHORT CHIP			
R7016	1-216-295-91	SHORT CHIP			
R7017	1-469-553-21	INDUCTOR	4.7μH		
R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7020	1-218-990-81	SHORT CHIP			
R7021	1-218-990-81	SHORT CHIP			
R7022	1-216-820-11	METAL CHIP	820	5%	1/10W
R7023	1-216-819-11	METAL CHIP	680	5%	1/10W
R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R7029	1-218-990-81	SHORT CHIP			
R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7032	1-218-990-81	SHORT CHIP			
R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7038	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7039	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7040	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W
R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7048	1-218-941-81	RES-CHIP	100	5%	1/16W
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7053	1-218-941-81	RES-CHIP	100	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W
R7063	1-216-864-11	SHORT CHIP			
R7064	1-216-864-11	SHORT CHIP			
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7069	1-216-295-91	SHORT CHIP			
R7070	1-216-295-91	SHORT CHIP			
R7071	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7079	1-216-295-91	SHORT CHIP			
R7080	1-216-295-91	SHORT CHIP			
R7081	1-216-295-91	SHORT CHIP			
R7082	1-216-295-91	SHORT CHIP			
R7089	1-216-295-91	SHORT CHIP			
R7092	1-218-990-81	SHORT CHIP			
R7200	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7201	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7202	1-218-990-81	SHORT CHIP			
R7203	1-218-941-81	RES-CHIP	100	5%	1/16W
R7301	1-216-864-11	SHORT CHIP			
R7302	1-216-864-11	SHORT CHIP			
R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7317	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7318	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7329	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7331	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7332	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7334	1-216-864-11	SHORT CHIP			
R7335	1-216-864-11	SHORT CHIP			
R7337	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7400	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7502	1-218-990-81	SHORT CHIP			
R7505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7509	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7511	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7529	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7532	1-218-990-81	SHORT CHIP			
R7533	1-218-446-11	METAL CHIP	1	5%	1/10W
R7535	1-218-990-81	SHORT CHIP			
R7541	1-218-990-81	SHORT CHIP			
R7542	1-218-990-81	SHORT CHIP			
R7544	1-218-990-81	SHORT CHIP			
R7607	1-218-933-11	RES-CHIP	22	5%	1/16W
R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W
R7703	1-218-990-81	SHORT CHIP			
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W
R7717	1-218-935-11	RES-CHIP	33	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7808	1-218-949-11	RES-CHIP	470	5%	1/16W
R7814	1-218-941-81	RES-CHIP	100	5%	1/16W
R7819	1-218-941-81	RES-CHIP	100	5%	1/16W
R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7836	1-218-990-81	SHORT CHIP			
R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7840	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7842	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7843	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7847	1-218-941-11	RES-CHIP	100	5%	1/16W
R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7849	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7868	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7967	1-218-941-81	RES-CHIP	100	5%	1/16W
R7969	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7971	1-218-941-81	RES-CHIP	100	5%	1/16W
R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7974	1-218-941-81	RES-CHIP	100	5%	1/16W
R7975	1-218-941-81	RES-CHIP	100	5%	1/16W
R7976	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7977	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7979	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7982	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R7983	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7984	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7987	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7988	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R9109	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9110	1-216-801-11	METAL CHIP	22	5%	1/10W
R9111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9117	1-216-864-11	SHORT CHIP			
R9139	1-216-803-11	METAL CHIP	33	5%	1/10W
R9146	1-216-864-11	SHORT CHIP			
R9153	1-216-864-11	SHORT CHIP			
R9154	1-216-864-11	SHORT CHIP			
R9159	1-216-845-11	METAL CHIP	100K	5%	1/10W
R9163	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9165	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9166	1-216-833-11	METAL CHIP	10K	5%	1/10W
R9167	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9169	1-216-821-11	METAL CHIP	1K	5%	1/10W
R9177	1-218-990-81	SHORT CHIP			
R9178	1-218-990-81	SHORT CHIP			
R9179	1-218-941-81	RES-CHIP	100	5%	1/16W
R9184	1-218-990-81	SHORT CHIP			
R9185	1-218-990-81	SHORT CHIP			
R9186	1-216-864-11	SHORT CHIP			
R9187	1-216-864-11	SHORT CHIP			
R9190	1-216-864-11	SHORT CHIP			
R9193	1-216-864-11	SHORT CHIP			
R9196	1-218-990-81	SHORT CHIP			

RESISTOR BRIDGE

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB002	1-234-106-81	RES, NETWORK 0	
RB1001	1-234-106-81	RES, NETWORK 0	
RB1002	1-234-106-81	RES, NETWORK 0	
RB1003	1-234-106-81	RES, NETWORK 0	
RB1004	1-234-106-81	RES, NETWORK 0	
RB1005	1-234-106-81	RES, NETWORK 0	
RB1006	1-234-106-81	RES, NETWORK 0	
RB1007	1-234-106-81	RES, NETWORK 0	
RB1008	1-234-106-81	RES, NETWORK 0	
RB1009	1-234-106-81	RES, NETWORK 0	
RB1010	1-234-106-81	RES, NETWORK 0	
RB1011	1-234-106-81	RES, NETWORK 0	
RB2001	1-234-381-21	RES, NETWORK 100K	(1005X4)
RB2002	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB2003	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB2004	1-239-674-81	RESISTOR, NETWORK 100	
RB2005	1-234-370-21	RES, NETWORK 22	(1005X4)
RB2006	1-234-370-21	RES, NETWORK 22	(1005X4)
RB3014	1-239-698-11	RESISTOR, NETWORK 10K	
RB3015	1-239-670-81	RESISTOR, NETWORK 47	

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB3017	1-239-674-81	RESISTOR, NETWORK 100	
RB3018	1-239-698-11	RESISTOR, NETWORK 10K	
RB3021	1-239-674-81	RESISTOR, NETWORK 100	
RB3024	1-239-674-81	RESISTOR, NETWORK 100	
RB3025	1-239-698-11	RESISTOR, NETWORK 10K	
RB3026	1-239-670-81	RESISTOR, NETWORK 47	
RB3027	1-239-674-81	RESISTOR, NETWORK 100	
RB4512	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4513	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4514	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4515	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4516	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4517	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4518	1-234-370-21	RES, NETWORK 22	(1005X4)
RB4519	1-239-674-81	RESISTOR, NETWORK 100	
RB5001	1-239-698-11	RESISTOR, NETWORK 10K	
RB5002	1-239-670-81	RESISTOR, NETWORK 47	
RB5501	1-234-106-81	RES, NETWORK 0	
RB5503	1-234-106-81	RES, NETWORK 0	
RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5505	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5506	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5507	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5508	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5509	1-234-369-21	RES, NETWORK 10	(1005X4)
RB5510	1-234-369-21	RES, NETWORK 10	(1005X4)
RB7200	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7201	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7202	1-234-795-21	RES, NETWORK 0X4	(2010)
RB7204	1-239-674-81	RESISTOR, NETWORK 100	
RB7205	1-239-674-81	RESISTOR, NETWORK 100	
RB7206	1-234-106-81	RES, NETWORK 0	
RB7207	1-234-106-81	RES, NETWORK 0	
RB7208	1-239-674-81	RESISTOR, NETWORK 100	
RB7605	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7607	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7701	1-239-674-81	RESISTOR, NETWORK 100	
RB7703	1-233-789-11	RES, NETWORK 10K	(1608)
RB9021	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9022	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9023	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9024	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9025	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9026	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9027	1-242-963-21	RES, NETWORK 33	(1005X4)
RB9106	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9107	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9108	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9109	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9110	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9111	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9112	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9113	1-234-524-21	RES, CHIP NETWORK 33	(3216)
RB9115	1-239-674-81	RESISTOR, NETWORK 100	

VARISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES
VD1001	1-802-078-11	VARISTOR	(SMD)
VD1002	1-802-078-11	VARISTOR	(SMD)
VD1003	1-802-078-11	VARISTOR	(SMD)
VD1004	1-802-078-11	VARISTOR	(SMD)
VD1100	1-804-988-21	VARISTOR, CHIP	(1608)
VD1101	1-804-988-21	VARISTOR, CHIP	(1608)
VD1102	1-804-988-21	VARISTOR, CHIP	(1608)
VD1106	1-802-078-11	VARISTOR	(SMD)
VD1107	1-802-078-11	VARISTOR	(SMD)
VD1108	1-802-078-11	VARISTOR	(SMD)
VD1109	1-802-078-11	VARISTOR	(SMD)
VD1130	1-804-988-21	VARISTOR, CHIP	(1608)
VD1131	1-804-988-21	VARISTOR, CHIP	(1608)
VD1132	1-804-988-21	VARISTOR, CHIP	(1608)
VD1700	1-802-082-11	VARISTOR	(SMD)
VD1701	1-802-082-11	VARISTOR	(SMD)
VD1710	1-802-078-11	VARISTOR	(SMD)
VD1711	1-802-078-11	VARISTOR	(SMD)
VD1720	1-802-078-11	VARISTOR	(SMD)
VD1721	1-802-078-11	VARISTOR	(SMD)
VD5002	1-802-078-11	VARISTOR	(SMD)
VD5003	1-802-078-11	VARISTOR	(SMD)
VD5004	1-802-078-11	VARISTOR	(SMD)
VD5005	1-802-078-11	VARISTOR	(SMD)
VD5006	1-802-078-11	VARISTOR	(SMD)
VD5503	1-802-417-11	SURGE ABSORBER	
VD5504	1-802-417-11	SURGE ABSORBER	
VD5507	1-802-417-11	SURGE ABSORBER	
VD5510	1-802-417-11	SURGE ABSORBER	
VD5511	1-802-417-11	SURGE ABSORBER	
VD5512	1-802-417-11	SURGE ABSORBER	
VD5514	1-802-417-11	SURGE ABSORBER	
VD5515	1-802-417-11	SURGE ABSORBER	
VD5518	1-802-417-11	SURGE ABSORBER	
VD5519	1-802-417-11	SURGE ABSORBER	

REF. NO.	PART NO.	DESCRIPTION	VALUES		
VD5520	1-802-417-11	SURGE ABSORBER			
VD5522	1-802-417-11	SURGE ABSORBER			
VD5523	1-802-417-11	SURGE ABSORBER			
VD5524	1-802-417-11	SURGE ABSORBER			
VD5526	1-802-417-11	SURGE ABSORBER			
VD5527	1-802-417-11	SURGE ABSORBER			

CRYSTAL

REF. NO.	PART NO.	DESCRIPTION
X3009	1-813-784-21	VIBRATOR, CRYSTAL
X3010	1-767-984-21	VIBRATOR, CRYSTAL
X7200	1-813-761-21	VIBRATOR, CRYSTAL
X9100	1-813-546-21	QUARTZ CRISTAL OSCILLATOR

G1M

REF. NO.	PART NO.	DESCRIPTION
	A-1315-710-A	**G1M BOARD, MOUNTED**
	2-409-877-21	WASHER (3X10), RS TITE SPRING

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6101	1-113-924-11	CERAMIC	0.0047μF	20%	250V
C6102	1-119-884-51	CERAMIC	100pF	10%	250V
C6103	1-119-891-51	CERAMIC	220pF	10%	250V
C6104	1-117-697-41	CERAMIC	470pF	10%	250V
C6105	1-165-529-11	MYLAR	0.22μF	10	275V
C6106	1-165-529-11	MYLAR	0.22μF	10	275V
C6107	1-119-884-51	CERAMIC	100pF	10%	250V
C6108	1-119-891-51	CERAMIC	220pF	10%	250V
C6109	1-117-697-41	CERAMIC	470pF	10%	250V
C6110	1-113-924-11	CERAMIC	0.0047μF	20%	250V
C6111	1-117-699-11	CERAMIC	0.001μF	99%	250V
C6112	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V
C6114	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6115	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6117	1-107-823-11	CERAMIC CHIP	0.47μF	10%	16V
C6119	1-107-875-91	ELECT	220μF	20%	10V
C6121	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6122	1-107-906-11	ELECT	10μF	20%	50V
C6123	1-165-127-11	CERAMIC	470pF	10%	500V
C6124	1-165-127-11	CERAMIC	470pF	10%	500V
C6125	1-165-127-11	CERAMIC	470pF	10%	500V
C6126	1-165-127-11	CERAMIC	470pF	10%	500V
C6127	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C6129	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6130	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V
C6131	1-115-412-11	CERAMIC CHIP	680pF	5%	25V
C6132	1-107-906-11	ELECT	10μF	20%	50V
C6133	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C6134	1-107-907-11	ELECT	22μF	20%	50V
C6135	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6136	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C6137	1-107-910-11	ELECT	100μF	20%	50V
C6138	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C6139	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V
C6142	1-104-962-91	ELECT	47μF	20%	35V
C6143	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C6145	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6146	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6147	1-107-905-11	ELECT	4.7μF	20%	50V
C6148	1-165-127-11	CERAMIC	470pF	10%	500V
C6149	1-107-903-11	ELECT	2.2μF	20%	50V
C6151	1-165-127-11	CERAMIC	470pF	10%	500V
C6152	1-137-807-31	ELECT	100μF	20%	50V
C6153	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C6158	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C6160	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C6165	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6166	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6201	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V
C6202	1-112-208-21	ELECT	470μF	20%	6.3V
C6203	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V
C6204	1-112-254-21	ELECT	1000μF	20%	35V
C6205	1-112-254-21	ELECT	1000μF	20%	35V
C6206	1-112-835-11	ELECT	3300μF	20%	25V
C6208	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C6210	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C6212	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C6251	1-112-208-21	ELECT	470μF	20%	6.3V
C6252	1-112-242-21	ELECT	1500μF	20%	25V
C6254	1-117-699-11	CERAMIC	0.001μF	99%	250V
C6255	1-137-198-81	FILM	1μF	5%	50V
C6256	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6257	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6258	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C6259	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C6260	1-112-222-21	ELECT	2200μF	20%	10V
C6261	1-112-222-21	ELECT	2200μF	20%	10V

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G1M

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
		CONNECTOR				
	CN6101	1-695-915-11	TAB (CONTACT)			
	CN6102	1-580-843-11	PIN, CONNECTOR (POWER)			
*	CN6201	1-785-708-11	PIN, CONNECTOR (PC BOARD)		12P	
*	CN6202	1-793-236-11	PIN, CONNECTOR (PC BOARD)		14P	
		DIODE				
	D6101	8-719-510-53	DIODE	D4SB60L		
	D6102	8-719-081-97	DIODE	MMDL914T1		
	D6103	6-500-567-01	DIODE	10ERB20-TA1B2		
	D6104	6-500-567-01	DIODE	10ERB20-TA1B2		
	D6105	8-719-081-97	DIODE	MMDL914T1		
	D6106	8-719-081-97	DIODE	MMDL914T1		
	D6107	8-719-027-76	DIODE	1SS357-TPH3		
	D6108	8-719-081-97	DIODE	MMDL914T1		
	D6109	8-719-054-59	DIODE	FSF05A60		
	D6110	8-719-976-99	DIODE	DTZ5.1B		
	D6111	8-719-081-97	DIODE	MMDL914T1		
	D6112	6-500-335-01	DIODE	MC2838-T112-1		
	D6113	8-719-081-97	DIODE	MMDL914T1		
	D6114	8-719-081-97	DIODE	MMDL914T1		
	D6115	8-719-081-97	DIODE	MMDL914T1		
⚠	D6116	6-501-906-01	DIODE	11EQS03LN-TB5		
	D6119	8-719-027-76	DIODE	1SS357-TPH3		
	D6120	6-500-448-11	DIODE	D1NF60-TA		
⚠	D6121	6-501-906-01	DIODE	11EQS03LN-TB5		
	D6122	8-719-082-03	DIODE	MM3Z15VT1		
	D6127	8-719-056-83	DIODE	UDZ-TE-17-6.8B		
	D6128	8-719-081-97	DIODE	MMDL914T1		
	D6129	6-501-297-11	DIODE	1F6G-TA26		
	D6132	8-719-081-97	DIODE	MMDL914T1		
	D6133	6-501-450-11	DIODE	11EFS4-TB5		
	D6134	6-501-822-11	DIODE	10ERB60-TB5		
	D6135	6-500-600-01	DIODE	MM3Z3V3T1		
⚠	D6136	8-719-931-47	DIODE	HZS27NTD		
	D6137	6-500-021-01	DIODE	MM3Z4V7ST1		
	D6138	8-719-081-97	DIODE	MMDL914T1		
	D6139	6-500-567-21	DIODE	10ERB20-TB5		
	D6140	6-500-021-01	DIODE	MM3Z4V7ST1		
	D6141	8-719-081-97	DIODE	MMDL914T1		
	D6201	8-719-200-31	DIODE	21DQ05		
	D6202	8-719-082-75	DIODE	FCH08A10		
	D6203	8-719-082-75	DIODE	FCH08A10		
	D6204	6-501-319-01	DIODE	FCQ10A06		

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	D6205	6-501-319-01	DIODE	FCQ10A06		
	D6206	6-500-555-01	DIODE	MM3Z27VT1		
	D6209	8-719-081-97	DIODE	MMDL914T1		
	D6210	8-719-082-03	DIODE	MM3Z15VT1		
	D6211	6-501-319-01	DIODE	FCQ10A06		
	D6212	8-719-312-10	DIODE	RU4AM-T3		
	ET6101	1-537-770-21	TERMINAL BOARD, GROUND			
		IC				
	IC6101	6-709-192-01	IC	FA5501AN-D1-TE1		
⚠	IC6104	6-707-749-01	IC	CXD9841P		
⚠	IC6105	6-708-801-01	IC	MIP2H2		
	IC6201	6-709-155-01	IC	TS3431BILT		
	IC6203	6-700-898-01	IC	PQ05RD21J00H		
		CHIP CONDUCTOR				
	JR6239	1-216-864-11	SHORT CHIP			
		IC LINK				
	PS6201	1-533-597-41	IC LINK	5A	90V	
⚠	PS6202	1-533-597-41	IC LINK	5A	90V	
⚠	PS6203	1-533-596-21	IC LINK	4A	90V	
		TRANSISTOR				
	Q6102	8-729-141-48	TRANSISTOR	2SB624-BV345		
⚠	Q6103	6-551-303-01	TRANSISTOR	2SK3683-01MR-F111		
	Q6104	8-729-045-62	TRANSISTOR	2SK2158-T2B		
	Q6105	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6106	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
	Q6107	8-729-920-79	TRANSISTOR	2SB1132-T100-QR		
	Q6108	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
⚠	Q6109	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q		
⚠	Q6110	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q		
	Q6111	8-729-045-62	TRANSISTOR	2SK2158-T2B		
	Q6112	8-729-045-62	TRANSISTOR	2SK2158-T2B		
	Q6201	8-729-045-62	TRANSISTOR	2SK2158-T2B		
	Q6202	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
	Q6203	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		RESISTOR				
⚠	R6101	1-240-251-92	METAL	6.8	5%	10W
	R6102	1-240-576-21	METAL CHIP	470K	1%	1/10W
	R6103	1-240-576-21	METAL CHIP	470K	1%	1/10W
	R6106	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
	R6107	1-216-073-91	RES-CHIP	10K	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6108	1-240-576-21	METAL CHIP	470K	1%	1/10W
R6109	1-240-576-21	METAL CHIP	470K	1%	1/10W
R6113	1-215-869-11	METAL OXIDE	1K	5%	1W
R6114	1-216-077-91	RES-CHIP	15K	5%	1/10W
R6115	1-249-397-11	CARBON	22	5%	1/4W
R6117	1-216-817-11	METAL CHIP	470	5%	1/10W
R6118	1-216-851-11	METAL CHIP	330K	5%	1/10W
R6119	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6120	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6121	1-249-397-11	CARBON	22	5%	1/4W
R6122	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6124	1-216-809-11	METAL CHIP	100	5%	1/10W
R6125	1-216-001-00	RES-CHIP	10	5%	1/10W
R6127	1-215-882-00	METAL OXIDE	22	5%	2W
R6128	1-216-801-11	METAL CHIP	22	5%	1/10W
R6129	1-215-882-00	METAL OXIDE	22	5%	2W
R6130	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6131	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6132	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6133	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6134	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6135	1-208-804-11	METAL CHIP	8.2K	0.50%	1/10W
R6136	1-216-635-11	METAL CHIP	220	0.50%	1/10W
R6137	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6138	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6139	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6140	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6141	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6142	1-216-685-11	METAL CHIP	27K	0.50%	1/10W
R6144	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6145	1-247-903-00	CARBON	1M	5%	1/4W
R6146	1-216-851-11	METAL CHIP	330K	5%	1/10W
⚠ R6147	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R6148	1-249-385-11	CARBON	2.2	5%	1/4W
R6149	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6150	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6151	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6152	1-218-872-11	METAL CHIP	11K	0.50%	1/10W
R6153	1-216-864-11	SHORT CHIP			
R6154	1-218-886-11	METAL CHIP	43K	0.50%	1/10W
R6155	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6157	1-249-429-11	CARBON	10K	5%	1/4W
R6158	1-249-429-11	CARBON	10K	5%	1/4W
R6159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6160	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6161	1-249-425-11	CARBON	4.7K	5%	1/4W
R6162	1-211-989-11	METAL CHIP	68	0.50%	1/10W
R6163	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6165	1-216-065-91	RES-CHIP	4.7K	5%	1/10W
R6166	1-249-426-11	CARBON	5.6K	5%	1/4W
R6167	1-247-791-91	CARBON	22	5%	1/4W
R6168	1-216-009-91	RES-CHIP	22	5%	1/10W
R6169	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6172	1-218-642-11	METAL OXIDE	100K	5%	1W
R6173	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6175	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6178	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6179	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6180	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6181	1-249-397-11	CARBON	22	5%	1/4W
R6183	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6185	1-208-822-11	METAL CHIP	47K	0.50%	1/10W
R6186	1-216-105-91	RES-CHIP	220K	5%	1/10W
R6187	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6188	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
R6189	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6190	1-249-385-11	CARBON	2.2	5%	1/4W
R6191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6192	1-247-289-00	METAL	8.2M	5%	1W
R6201	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6202	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6203	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6204	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6207	1-216-817-11	METAL CHIP	470	5%	1/10W
R6208	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6209	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6210	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6211	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6212	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6213	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6214	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6215	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6218	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6219	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6220	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6221	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6222	1-216-073-91	RES-CHIP	10K	5%	1/10W
R6223	1-216-833-11	METAL CHIP	10K	5%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R6224	1-216-837-11	METAL CHIP	22K	5%	1/10W
	R6225	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R6226	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R6230	1-249-385-11	CARBON	2.2	5%	1/4W
	R6232	1-247-807-31	CARBON	100	5%	1/4W
	R6235	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
	R6237	1-215-871-11	METAL OXIDE	2.2K	5%	1W

RELAY

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	RY6101	1-755-488-11	RELAY	(LKP1AF-18V)

VARISTOR

	REF. NO.	PART NO.	DESCRIPTION
	VD6101	1-804-996-21	VARISTOR
	VD6102	1-804-996-21	VARISTOR

HM1

A-1268-471-A HM1 BOARD, MOUNTED

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION
*	CN101	1-820-180-11	HEADER ASSEMBLY (PRINT PWB)

RESISTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R101	1-218-827-11	METAL CHIP	150	0.50%	1/10W
	R102	1-218-831-11	METAL CHIP	220	0.50%	1/10W
	R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W
	R104	1-218-841-11	METAL CHIP	560	0.50%	1/10W
	R105	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W
	R107	1-216-864-11	SHORT CHIP			

SWITCH

	REF. NO.	PART NO.	DESCRIPTION
	S101	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S102	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S103	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S104	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S105	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S106	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)
	S107	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)

HM3

A-1268-472-A HM3 BOARD, MOUNTED

CAPACITOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C320	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
	C322	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
	C323	1-126-205-11	ELECT CHIP	47μF	20%	6.3V
	C401	1-162-960-11	CERAMIC CHIP	220pF	10%	50V
	C402	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V

CONNECTOR

	REF. NO.	PART NO.	DESCRIPTION
*	CN301	1-820-287-11	HEADER ASSEMBLY (PRINT PWB)

DIODE

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T
	D308	8-719-053-07	DIODE	SML-310MTT86

IC

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC320	6-600-447-01	IC	TPS853(SONY)
	IC401	6-600-502-01	HIC	GP1UE26RK0VF

TRANSISTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106
	Q320	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF

RESISTOR

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	R303	1-216-815-11	METAL CHIP	330	5%	1/10W
	R304	1-216-819-11	METAL CHIP	680	5%	1/10W
	R305	1-216-815-11	METAL CHIP	330	5%	1/10W
	R307	1-216-864-11	SHORT CHIP			
	R308	1-216-864-11	SHORT CHIP			
	R321	1-216-839-11	METAL CHIP	33K	5%	1/10W
	R322	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R323	1-216-833-11	METAL CHIP	10K	5%	1/10W
	R325	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R326	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R327	1-216-864-11	SHORT CHIP			
	R328	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
	R401	1-216-817-11	METAL CHIP	470	5%	1/10W
	R402	1-216-805-11	METAL CHIP	47	5%	1/10W

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
		UM				
		A-1268-473-A	**UM BOARD, MOUNTED**			
		CAPACITOR				
	C203	1-216-864-11	SHORT CHIP			
	C206	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
	C209	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
	C215	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
		CONNECTOR				
*	CN201	1-819-928-11	HEADER ASSENBLY	20P		
	CN202	1-695-915-11	TAB (CONTACT)			
		DIODE				
	D204	8-719-423-03	DIODE	MA8100		
	ET201	1-780-482-11	EARTH TERMINAL			
	ET202	1-780-482-11	EARTH TERMINAL			
		JACK				
	J201	1-819-356-21	PHONO JACK	3P		
	J202	1-815-325-11	JACK			
		RESISTOR				
	R211	1-216-864-11	SHORT CHIP			
	R212	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R213	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R215	1-216-857-11	METAL CHIP	1M	5%	1/10W
	R216	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R218	1-216-864-11	SHORT CHIP			
	R219	1-216-864-11	SHORT CHIP			
	R220	1-216-864-11	SHORT CHIP			
		VARISTOR				
	VD201	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD202	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD203	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD204	1-804-988-21	VARISTOR, CHIP	(1608)		
	VD205	1-804-988-21	VARISTOR, CHIP	(1608)		

	REF. NO.	PART NO.	DESCRIPTION	VALUES
		ACCESSORIES AND PACKING		
		X-2186-601-1	BAG ASSEMBLY, RUDDER LOCK (Contains Items Below)	
		X-2186-603-1	LOCK ASSEMBLY, RUDDER (Belt)	
		2-593-320-02	SCREW, CION (M6X18)	
		2-580-663-01	SCREW, WOOD 3.8X20	
*		2-678-263-01	BAG, PROTECTION (KDL-26M3000/26ML130 ONLY)	
*		2-678-264-01	BAG, PROTECTION (KDL-32M3000/32ML130 ONLY)	
*		3-213-717-01	BAG, PROTECTION (STAND) (KDL-26M3000/26ML130 ONLY)	
*		3-213-713-01	CARTON, INDIVIDUAL (KDL-26M3000/26ML130 ONLY)	
*		3-213-429-01	CARTON, INDIVIDUAL (KDL-32M3000/32ML130 ONLY)	
		2-595-155-02	CLAMP	
*		3-213-715-01	CUSHION, LOWER (KDL-26M3000/26ML130 ONLY)	
*		3-213-428-01	CUSHION, LOWER (KDL-32M3000/32ML130 ONLY)	
*		3-213-714-01	CUSHION, UPPER (KDL-26M3000/26ML130 ONLY)	
*		3-213-427-01	CUSHION, UPPER (KDL-32M3000/32ML130 ONLY)	
		3-213-438-11	GUIDE, QUICK SETUP (ENGLISH VERSION)	
		3-213-438-21	GUIDE, QUICK SETUP (FRENCH VERSION)	
		3-213-438-31	GUIDE, QUICK SETUP (SPANISH VERSION)	
		3-213-437-11	MANUAL, INSTRUCTION (ENGLISH VERSION)	
		3-213-437-21	MANUAL, INSTRUCTION (FRENCH VERSION)	
		3-213-437-31	MANUAL, INSTRUCTION (SPANISH VERSION)	
		MISCELLANEOUS		
		1-469-089-11	FILTER, CLAMP (FERRITE CORE) (KDL-32M3000/32ML130 ONLY)	
*		1-400-052-11	FILTER, CLAMP (FERRITE CORE)	
		2-580-602-01	SCREW, +PSW M4X12 (KDL-26M3000/26ML130 ONLY)	
		1-910-036-30	WIRE ASSEMBLY, FASTON TERMINAL	
		REMOTE COMMANDER		
		1-480-266-11	REMOTE COMMANDER (RM-YD021)	
	☛	9-885-099-05	BATTERY COVER (for RM-YD021)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a 🔒.**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a 🔒 in the service manual is deemed to be defective:**

    a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

    b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a 🔒 in the service manual MUST BE DESTROYED.**

SERVICE MANUAL

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In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.